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ESTADÍSTICAS BASICAS DEL SECTOR AGROPECUARIO 1980-2000

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PRESENTACIÓN

El Centro de Estudios de las Finanzas Públicas de la H. Cámara de Diputados contempla dentro de su Programa de Trabajo, el estudio del sector agropecuario, así como el seguimiento de la evolución de sus principales variables, con el propósito de atender el reiterado interés que ha manifestado la LVIII Legislatura por este sector estratégico para el desarrollo nacional.

El presente documento contiene las "Estadísticas Básicas del Sector Agropecuario en México, 1980-2000", y tiene como objetivo central apoyar las tareas legislativas de todas aquellas Comisiones interesadas en el sector, particularmente a las Comisiones de Agricultura y Ganadería; Desarrollo Rural; Comercio y Fomento Industrial; Fomento Cooperativo y Economía Social; Medio Ambiente y Recursos Naturales; y Reforma Agraria.

El documento constituye un importante acervo estadístico, ya que además de contener información para un periodo de 20 años (y cuando la disponibilidad de información lo permitió para periodos mayores), lo hace de manera desagregada, poniendo a disposición de los lectores un conjunto de series estadísticas de las distintas actividades: agrícola, ganadera, forestal y pesquera, buscando apoyar los análisis y, en general, los trabajos específicos que desarrollan las Comisiones, Grupos Parlamentarios y Diputados en materia del sector primario de nuestra economía.

La estructura del documento está conformada por diez apartados.

En la primera parte del trabajo se presenta información estadística sobre oferta, demanda, balance interno, rendimientos, entre otras variables para los diez granos básicos, tanto de forma agregada como para cada uno de ellos.

En la segunda sección se consideran prácticamente las mismas variables, pero para los principales productos ganaderos y pesqueros como son; carne de aves de corral, carne de cerdo, carne de vaca, huevo, leche entera, pescado y frutos del mar.

El tercer apartado incluye la oferta, la demanda, el balance interno y la obtención de los más significativos productos forestales en el país.

En el cuarto apartado se incorporó información sobre los principales productos de exportación de la agricultura mexicana, a saber: café, caña de azúcar, limones y limas, naranjas y mandarinas, manzanas, plátano, tabaco y tomates.

En la quinta parte se presentan algunos índices de producción, para la agricultura en su conjunto, para los cereales, para los diez principales cultivos, para la producción de alimentos, y para los no alimentos. Para este propósito se incluyeron cuatro bloques comerciales: la Unión Europea, el TLC de América del Norte, Asia y el MERCOSUR. Por lo tanto, los países que se incluyeron fueron: Estados Unidos, Canadá, México, Japón, República de Corea, Argentina y Brasil.

Posteriormente, en la sexta parte se muestran datos sobre algunas comparaciones internacionales en materia de superficie y rendimiento de los diez cultivos básicos.

La balanza agroalimentaria se presenta en la séptima parte con series que comprenden el periodo 1980-2000, con los principales cultivos y productos de exportación y una segunda presentación ampliada de 1991-2000 que considera un número mayor de productos.

En la siguiente sección se muestra información sobre algunos de los insumos del sector agropecuario, como son: fertilizantes y tractores. Se presentan también datos sobre el comercio internacional de los funguicidas, herbicidas e insecticidas.

Posteriormente se incluye un apartado sobre los sistemas hidráulicos donde se considera la superficie de riego incorporada a la producción y la capacidad promedio de los Distritos de Riego por zonas.

Finalmente, se muestra un concentrado de los precios medios pagados al productor de los diez principales cultivos, en pesos y en dólares por tonelada.

Las principales fuentes de información utilizadas fueron: Secretaría de Agricultura, Ganadería y Desarrollo Rural, Informes de Gobierno del Poder Ejecutivo Federal, Instituto Nacional de Estadística, Geografía e Informática y la FAO.

Junio del 2001

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CUADRO 1.1

México: Oferta y demanda total de los 10 principales granos*

(Toneladas)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA								
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+l-m)	Consumo aparente total (d = e+f+g+h+i+j)	Semillas (e)	Desperdicios 1 (f)	Transformación (g)	Alimentación (h)	Otros usos (i)	Piensos (j)	Exportaciones (l)	Cambio en las existencias 1** (m)
1961	10,143,530.0	117,481.0	10,261,011.0	9,949,963.0	816,020.0	555,321.0	1,103,653.0	2,285,877.0	4,819,258.0	369,834.0	4,627.0	306,421.0
1962	10,270,389.0	224,778.0	10,495,167.0	10,324,884.0	849,188.0	517,854.0	1,245,521.0	2,299,340.0	5,010,279.0	402,702.0	99,119.0	71,164.0
1963	11,314,979.0	682,498.0	11,997,477.0	11,847,479.0	945,793.0	559,103.0	1,958,817.0	2,392,552.0	5,198,039.0	593,175.0	127,761.0	222,237.0
1964	13,730,432.0	178,641.0	13,909,073.0	13,016,103.0	1,067,994.0	602,417.0	2,796,965.0	2,727,591.0	5,201,847.0	619,299.0	880,932.0	12,038.0
1965	14,508,861.0	183,363.0	14,692,224.0	12,658,019.0	1,053,714.0	620,881.0	1,774,228.0	2,911,283.0	5,449,816.0	848,097.0	2,048,892.0	-14,687.0
1966	15,290,729.0	86,782.0	15,377,511.0	13,507,956.0	1,136,708.0	579,546.0	1,709,171.0	3,049,900.0	5,587,762.0	1,444,868.0	1,094,804.0	774,952.0
1967	15,240,090.0	23,568.0	15,263,658.0	13,550,406.0	1,193,200.0	619,540.0	1,416,033.0	3,121,091.0	5,874,651.0	1,325,890.0	2,057,800.0	-344,547.0
1968	16,234,439.0	85,749.0	16,320,188.0	16,203,830.0	1,286,872.0	864,034.0	1,374,278.0	3,439,787.0	6,271,112.0	1,978,747.0	1,213,349.0	-96,991.0
1969	15,942,251.0	53,798.0	15,996,049.0	15,652,970.0	1,196,721.0	689,187.0	1,271,939.0	3,521,882.0	6,472,778.0	2,500,463.0	1,141,964.0	-798,895.0
1970	17,101,118.0	968,353.0	18,069,471.0	17,553,770.0	1,434,696.0	706,554.0	2,301,012.0	3,753,400.0	6,462,275.0	2,895,834.0	102,356.0	-403,345.0
1971	17,196,227.0	314,645.0	17,510,872.0	17,284,914.0	1,388,011.0	623,003.0	2,080,725.0	3,920,384.0	6,645,741.0	2,827,050.0	427,710.0	-201,752.0
1972	16,704,604.0	1,107,063.0	17,811,667.0	17,272,243.0	1,416,968.0	651,654.0	1,357,335.0	4,087,964.0	6,742,367.0	3,015,756.0	585,625.0	-46,411.0
1973	17,478,927.0	2,049,428.0	19,528,355.0	19,188,594.0	1,655,897.0	705,435.0	1,757,719.0	4,660,016.0	6,937,712.0	3,471,815.0	120,792.0	218,969.0
1974	17,282,348.0	3,416,371.0	20,698,719.0	19,634,473.0	1,464,962.0	1,063,999.0	1,175,637.0	4,898,059.0	7,146,379.0	3,896,437.0	36,646.0	1,027,600.0
1975	19,118,981.0	3,844,203.0	22,963,184.0	21,850,457.0	1,761,582.0	760,017.0	1,849,039.0	4,945,842.0	7,400,779.0	5,133,198.0	68,587.0	1,044,140.0
1976	18,136,442.0	1,418,862.0	19,555,304.0	20,500,238.0	1,486,420.0	993,996.0	1,134,160.0	4,928,510.0	7,725,446.0	4,231,706.0	86,498.0	-1,031,432.0
1977	20,488,638.0	3,540,627.0	24,029,265.0	22,791,775.0	1,867,768.0	765,749.0	1,788,689.0	5,174,357.0	7,981,500.0	5,213,712.0	227,890.0	1,009,600.0
1978	21,422,779.0	3,493,788.0	24,916,567.0	23,525,117.0	1,914,129.0	785,720.0	1,992,802.0	5,405,433.0	8,288,970.0	5,138,063.0	184,715.0	1,206,735.0
1979	18,303,501.0	3,855,687.0	22,159,188.0	24,182,431.0	1,630,231.0	790,891.0	1,897,837.0	5,912,782.0	8,472,283.0	5,478,407.0	138,875.0	-2,162,118.0
1980	23,308,937.0	8,345,346.0	31,654,283.0	29,526,166.0	2,538,729.0	899,468.0	3,668,421.0	6,770,769.0	8,514,246.0	7,136,533.0	83,583.0	2,044,534.0
1981	28,436,474.0	8,834,635.0	37,271,109.0	33,825,310.0	3,225,614.0	1,014,368.0	3,252,139.0	8,179,425.0	8,694,761.0	9,459,003.0	65,442.0	3,380,357.0
1982	22,328,699.0	4,426,435.0	26,755,134.0	30,476,218.0	2,054,889.0	1,068,759.0	2,837,154.0	7,996,426.0	8,823,145.0	7,695,845.0	69,783.0	-3,790,867.0
1983	25,033,895.0	9,711,485.0	34,745,380.0	32,236,128.0	3,341,972.0	937,457.0	2,493,703.0	7,679,041.0	9,199,904.0	8,383,051.0	98,560.0	2,411,692.0
1984	25,859,455.0	8,499,785.0	34,359,240.0	32,236,680.0	3,549,897.0	1,020,516.0	1,782,965.0	8,187,047.0	9,381,028.0	8,315,227.0	207,603.0	1,914,957.0
1985	29,642,283.0	6,605,157.0	36,247,440.0	34,999,543.0	3,516,702.0	1,247,485.0	1,925,937.0	8,627,581.0	9,837,069.0	9,844,769.0	63,775.0	1,184,122.0
1986	25,687,953.0	3,721,196.0	29,409,149.0	32,626,811.0	3,477,734.0	1,208,692.0	1,944,310.0	7,676,833.0	10,322,343.0	7,796,899.0	79,661.0	-3,297,523.0
1987	26,064,651.0	5,937,508.0	32,002,159.0	33,181,716.0	3,980,548.0	1,171,296.0	2,368,237.0	7,311,733.0	10,471,185.0	7,878,757.0	89,595.0	-1,269,152.0
1988	22,820,008.0	6,842,757.0	29,662,765.0	32,571,441.0	2,989,720.0	961,288.0	2,592,832.0	7,311,286.0	11,022,750.0	7,693,565.0	260,191.0	-3,168,867.0
1989	23,320,341.0	8,514,361.0	31,834,692.0	33,825,618.0	3,496,301.0	945,771.0	2,546,075.0	7,576,556.0	11,102,917.0	8,157,999.0	337,776.0	-2,328,704.0
1990	27,806,176.0	8,791,156.0	36,597,332.0	35,743,964.0	4,111,153.0	922,219.0	2,598,963.0	8,316,851.0	10,798,825.0	8,996,953.0	604,150.0	249,218.0
1991	26,083,401.0	6,780,031.0	32,863,432.0	34,113,288.0	2,929,917.0	990,464.0	2,521,535.0	8,641,122.0	11,114,930.0	7,915,320.0	618,976.0	-1,868,832.0
1992	28,273,363.0	10,443,685.0	38,717,048.0	36,318,355.0	3,226,497.0	1,019,984.0	2,636,165.0	9,333,308.0	10,968,709.0	9,133,692.0	131,683.0	2,267,010.0
1993	27,029,980.0	8,862,396.0	35,892,376.0	38,808,923.0	5,998,011.0	1,041,706.0	2,441,986.0	9,399,214.0	11,179,789.0	8,548,217.0	114,455.0	-2,831,002.0
1994	28,915,411.0	10,691,772.0	39,607,183.0	37,185,384.0	4,710,847.0	909,043.0	2,597,814.0	10,046,067.0	11,113,059.0	7,808,554.0	443,380.0	1,978,419.0
1995	28,783,548.0	8,903,034.0	37,686,582.0	36,651,041.0	4,703,257.0	899,109.0	2,694,152.0	9,701,825.0	11,850,831.0	6,801,867.0	735,349.0	300,192.0
1996	31,245,433.5	13,980,647.0	45,226,080.5	42,113,699.5	6,068,718.0	1,321,279.0	2,881,792.5	10,279,852.0	12,077,750.0	9,484,309.0	381,992.0	2,730,389.0
1997	29,646,671.0	10,926,366.0	40,573,037.0	41,205,330.0	5,825,578.0	1,174,244.0	2,875,467.0	10,741,778.0	12,063,975.0	8,524,288.0	603,521.0	-1,235,814.0
1998	31,035,355.0	15,279,211.0	46,314,566.0	45,866,768.0	nd	nd	nd	nd	nd	nd	447,798.0	0.0
1999	30,009,200.0	17,899,127.0	47,908,327.0	47,529,724.0	nd	nd	nd	nd	nd	nd	378,603.0	0.0
2000	31,063,000.0	nd	31,063,000.0	nd	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo.

** El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 1.2

México: Balance interno de los 10 principales cultivos*

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	10,143,530.0	9,949,963.0	193,567.0
1962	10,270,389.0	10,324,884.0	-54,495.0
1963	11,314,979.0	11,647,479.0	-332,500.0
1964	13,730,432.0	13,016,103.0	714,329.0
1965	14,508,861.0	12,658,019.0	1,850,842.0
1966	15,290,729.0	13,507,955.0	1,782,774.0
1967	15,240,090.0	13,550,405.0	1,689,685.0
1968	16,234,439.0	15,203,830.0	1,030,609.0
1969	15,942,251.0	15,652,970.0	289,281.0
1970	17,101,118.0	17,553,770.0	-452,652.0
1971	17,196,227.0	17,284,914.0	-88,687.0
1972	16,704,604.0	17,272,243.0	-567,639.0
1973	17,478,927.0	19,188,594.0	-1,709,667.0
1974	17,282,348.0	19,634,473.0	-2,352,125.0
1975	19,118,981.0	21,850,457.0	-2,731,476.0
1976	18,136,442.0	20,500,238.0	-2,363,796.0
1977	20,488,638.0	22,791,775.0	-2,303,137.0
1978	21,422,779.0	23,525,117.0	-2,102,338.0
1979	18,303,501.0	24,182,431.0	-5,878,930.0
1980	23,308,937.0	29,526,166.0	-6,217,229.0
1981	28,436,474.0	33,825,310.0	-5,388,836.0
1982	22,328,699.0	30,476,218.0	-8,147,519.0
1983	25,033,895.0	32,235,128.0	-7,201,233.0
1984	25,859,455.0	32,236,680.0	-6,377,225.0
1985	29,642,283.0	34,999,543.0	-5,357,260.0
1986	25,687,953.0	32,626,811.0	-6,938,858.0
1987	26,064,651.0	33,181,716.0	-7,117,065.0
1988	22,820,008.0	32,571,441.0	-9,751,433.0
1989	23,320,341.0	33,825,618.0	-10,505,277.0
1990	27,806,176.0	35,743,964.0	-7,937,788.0
1991	26,083,401.0	34,113,288.0	-8,029,887.0
1992	28,273,363.0	36,318,355.0	-8,044,992.0
1993	27,029,980.0	38,608,923.0	-11,578,943.0
1994	28,915,411.0	37,185,384.0	-8,269,973.0
1995	28,783,548.0	36,651,041.0	-7,867,493.0
1996	31,245,433.5	42,113,699.5	-10,868,266.0
1997	29,646,671.0	41,205,330.0	-11,558,659.0
1998	31,035,355.0	45,866,768.0	-14,831,413.0
1999	30,009,200.0	47,529,724.0	nd
2000	31,063,000.0	nd	nd

* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 1.3

México: Rendimiento de los 10 principales cultivos por hectárea*

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	10,290,967.0	10,143,530.0	0.9857
1962	10,326,759.0	10,270,389.0	0.9945
1963	11,218,809.0	11,314,979.0	1.0086
1964	12,126,966.0	13,730,432.0	1.1322
1965	12,539,014.0	14,508,861.0	1.1571
1966	13,393,666.0	15,290,729.0	1.1416
1967	12,502,419.0	15,240,090.0	1.2190
1968	12,660,476.0	16,234,439.0	1.2823
1969	11,966,729.0	15,942,251.0	1.3322
1970	12,389,839.0	17,101,118.0	1.3803
1971	12,714,339.0	17,196,227.0	1.3525
1972	12,368,506.0	16,704,604.0	1.3506
1973	12,904,127.0	17,478,927.0	1.3545
1974	11,855,659.0	17,282,348.0	1.4577
1975	12,366,305.0	19,118,981.0	1.5461
1976	11,557,457.0	18,136,442.0	1.5692
1977	12,993,895.0	20,488,638.0	1.5768
1978	12,586,986.0	21,422,779.0	1.7020
1979	10,371,782.0	18,303,501.0	1.7647
1980	12,231,135.0	23,308,937.0	1.9057
1981	13,902,865.0	28,436,474.0	2.0454
1982	10,706,409.0	22,328,699.0	2.0855
1983	13,319,415.0	25,033,895.0	1.8795
1984	12,688,111.0	25,859,455.0	2.0381
1985	13,997,675.0	29,642,283.0	2.1177
1986	12,302,833.0	25,687,953.0	2.0880
1987	12,944,688.0	26,064,651.0	2.0135
1988	12,256,503.0	22,820,008.0	1.8619
1989	11,866,491.0	23,320,341.0	1.9652
1990	13,324,653.0	27,806,176.0	2.0868
1991	12,425,666.0	26,083,401.0	2.0992
1992	11,680,092.0	28,273,363.0	2.4206
1993	11,736,882.0	27,029,980.0	2.3030
1994	13,234,619.0	28,915,411.0	2.1848
1995	13,229,856.0	28,783,548.0	2.1757
1996	14,020,275.0	31,245,433.5	2.2286
1997	12,496,584.0	29,646,671.0	2.3724
1998	13,634,572.0	31,035,355.0	2.2762
1999	12,139,900.0	30,009,200.0	2.4719
2000	14,531,300.0	31,063,000.0	2.1377

* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 1.4

México: Producción y consumo de los 10 principales cultivos por habitante*

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	280.0936	274.7486	5.3450
1962	37,486,139	273.9783	275.4320	-1.4537
1963	38,800,538	291.6191	300.1886	-8.5695
1964	40,147,986	341.9955	324.2031	17.7924
1965	41,536,828	349.3095	304.7494	44.5601
1966	42,955,469	355.9670	314.4641	41.5028
1967	44,397,880	343.2617	305.2039	38.0578
1968	45,859,833	354.0028	331.5297	22.4731
1969	47,337,557	336.7781	330.6670	6.1110
1970	48,852,306	350.0575	359.3233	-9.2657
1971	50,393,091	341.2418	343.0017	-1.7599
1972	51,948,772	321.5592	332.4861	-10.9269
1973	53,517,788	326.6003	358.5461	-31.9458
1974	55,104,832	313.6267	356.3113	-42.6846
1975	56,687,703	337.2686	385.4532	-48.1846
1976	58,291,820	311.1319	351.6829	-40.5511
1977	59,900,617	342.0439	380.4932	-38.4493
1978	61,527,486	348.1823	382.3513	-34.1691
1979	63,161,213	289.7902	382.8684	-93.0782
1980	64,768,572	359.7693	455.7311	-95.9618
1981	66,425,164	428.0979	509.2243	-81.1264
1982	68,061,155	327.9718	447.6454	-119.6736
1983	69,744,148	358.9390	462.1912	-103.2521
1984	71,421,164	362.0699	451.3603	-89.2904
1985	73,112,440	405.4342	478.7085	-73.2743
1986	74,817,783	343.3402	436.0836	-92.7434
1987	76,536,428	340.5522	433.5415	-92.9892
1988	78,266,888	291.5666	416.1586	-124.5921
1989	80,019,134	291.4345	422.7191	-131.2846
1990	81,781,347	340.0063	437.0674	-97.0611
1991	83,554,530	312.1722	408.2757	-96.1036
1992	85,348,102	331.2711	425.5321	-94.2609
1993	87,117,484	310.2705	443.1824	-132.9118
1994	88,863,239	325.3923	418.4563	-93.0641
1995	90,578,718	317.7739	404.6319	-86.8581
1996	92,228,065	338.7844	456.6256	-117.8412
1997	93,813,963	316.0155	439.2238	-123.2083
1998	95,326,450	325.5692	481.1547	-155.5855
1999	96,714,391	310.2868	nd	nd
2000	97,925,896	317.2092	nd	nd

* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999. Italia. Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 1.5

México: Oferta y demanda total de los 10 principales granos*

(porcentajes)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA								
	Producción	Importaciones	(c = a+b)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Piensos	Exportaciones	Cambio en las existencias **
	(a)	(b)	(c = d+l+n)	(d = e+f+g+h+i+j)	(e)	(f)	(g)	(h)	(i)	(j)	(l)	(n)
1961	98.86	1.14	100.00	96.97	8.20	5.58	11.09	22.97	48.43	3.72	0.05	2.99
1962	97.86	2.14	100.00	98.38	8.22	5.02	12.06	22.27	48.53	3.90	0.94	0.68
1963	94.31	5.69	100.00	97.08	8.12	4.80	16.82	20.54	44.63	5.09	1.06	1.85
1964	98.72	1.28	100.00	93.58	8.21	4.63	21.49	20.96	39.96	4.76	6.33	0.09
1965	98.75	1.25	100.00	86.15	8.32	4.91	14.02	23.00	43.06	6.70	13.95	-0.10
1966	99.44	0.56	100.00	87.84	8.42	4.29	12.65	22.58	41.37	10.70	7.12	5.04
1967	99.85	0.15	100.00	88.78	8.81	4.57	10.45	23.03	43.36	9.78	13.48	-2.26
1968	99.47	0.53	100.00	93.16	8.48	5.62	9.04	22.62	41.25	13.01	7.43	-0.59
1969	99.66	0.34	100.00	97.86	7.65	4.40	8.13	22.50	41.36	15.97	7.14	-4.99
1970	94.69	5.31	100.00	97.20	8.17	4.03	13.11	21.38	36.81	16.50	0.57	2.23
1971	98.20	1.80	100.00	98.71	8.03	3.60	12.04	22.68	38.45	15.20	2.44	-1.15
1972	93.78	6.22	100.00	96.97	8.20	3.77	7.86	23.67	39.04	17.46	3.29	-0.26
1973	89.51	10.49	100.00	98.26	8.63	3.68	9.16	24.29	36.16	18.09	0.62	1.12
1974	83.49	16.51	100.00	94.86	7.46	5.37	5.99	24.95	36.40	19.84	0.18	4.96
1975	83.26	16.74	100.00	95.15	8.06	3.48	8.46	22.63	33.87	23.49	0.30	4.55
1976	92.74	7.26	100.00	104.83	7.25	4.85	5.53	24.04	37.68	20.64	0.44	-5.27
1977	85.27	14.73	100.00	94.85	8.20	3.36	7.85	22.70	35.02	22.88	0.95	4.20
1978	85.98	14.02	100.00	94.42	8.14	3.34	8.47	22.98	35.23	21.84	0.74	4.84
1979	82.60	17.40	100.00	109.13	6.74	3.27	7.86	24.45	36.03	22.65	0.63	-9.76
1980	73.64	26.36	100.00	93.28	8.60	3.05	12.42	22.93	28.84	24.17	0.26	6.46
1981	76.30	23.70	100.00	90.75	9.54	3.00	9.61	24.18	25.70	27.96	0.18	9.07
1982	83.46	16.54	100.00	113.91	6.74	3.51	9.31	26.24	28.96	25.25	0.26	-14.17
1983	72.05	27.95	100.00	92.78	10.37	2.91	7.74	24.44	28.54	26.01	0.28	6.94
1984	75.26	24.74	100.00	93.82	11.01	3.17	5.53	25.40	29.10	25.79	0.60	5.57
1985	81.78	18.22	100.00	96.56	10.05	3.56	5.50	24.65	28.11	28.13	0.18	3.27
1986	87.35	12.65	100.00	110.94	10.66	3.70	5.96	24.14	31.64	23.90	0.27	-11.21
1987	81.45	18.55	100.00	103.69	12.00	3.53	7.14	22.04	31.56	23.74	0.28	-3.97
1988	76.93	23.07	100.00	109.81	9.18	2.95	7.96	22.45	33.84	23.62	0.88	-10.68
1989	73.25	26.75	100.00	106.25	10.34	2.80	7.53	22.40	32.82	24.12	1.06	-7.31
1990	75.98	24.02	100.00	97.67	11.50	2.68	7.27	23.27	30.21	25.17	1.65	0.68
1991	79.37	20.63	100.00	103.80	8.59	2.90	7.39	25.33	32.58	23.20	1.88	-5.69
1992	73.03	26.97	100.00	93.80	8.88	2.81	7.26	25.70	30.20	25.15	0.34	5.86
1993	75.31	24.69	100.00	107.57	15.54	2.70	6.32	24.34	28.96	22.14	0.32	-7.89
1994	73.01	26.99	100.00	93.89	12.67	2.44	6.99	27.02	29.89	21.00	1.12	5.00
1995	76.38	23.62	100.00	97.25	12.83	2.45	7.35	26.47	32.33	18.56	1.95	0.80
1996	69.09	30.91	100.00	93.12	14.41	3.14	6.84	24.41	28.68	22.52	0.84	6.04
1997	73.07	26.93	100.00	101.56	14.14	2.85	6.98	26.07	29.28	20.69	1.49	-3.05
1998	67.01	32.99	100.00	99.03	nd	nd	nd	nd	nd	nd	0.97	0.00
1999	62.64	37.36	100.00	nd	nd	nd	nd	nd	nd	nd	0.79	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo

** El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 1.6

México: Superficie y producción por modalidad de los 10 principales cultivos

(Porcentaje)

Año	Superficie cosechada (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	16.9	83.1	100.0	33.7	66.3	100.0
1971	16.3	83.7	100.0	29.0	71.0	100.0
1972	17.8	82.2	100.0	31.0	69.0	100.0
1973	18.8	81.2	100.0	37.1	62.9	100.0
1974	23.3	76.7	100.0	39.3	60.7	100.0
1975	23.3	76.7	100.0	41.8	58.2	100.0
1976	24.0	76.0	100.0	44.6	55.4	100.0
1977	24.2	75.8	100.0	43.0	57.0	100.0
1978	26.5	73.5	100.0	43.0	57.0	100.0
1979	32.8	67.2	100.0	52.1	47.9	100.0
1980	27.3	72.7	100.0	42.0	58.0	100.0
1981	26.1	73.9	100.0	39.5	60.5	100.0
1982	33.1	66.9	100.0	52.2	47.8	100.0
1983	25.0	75.0	100.0	40.2	59.8	100.0
1984	25.8	74.2	100.0	43.6	56.4	100.0
1985	25.9	74.1	100.0	44.0	56.0	100.0
1986	28.4	71.6	100.0	48.2	51.8	100.0
1987	27.0	73.0	100.0	46.1	53.9	100.0
1988	23.8	76.2	100.0	43.7	56.3	100.0
1989	28.6	71.4	100.0	48.2	51.8	100.0
1990	23.5	76.5	100.0	40.8	59.2	100.0
1991	26.6	73.4	100.0	45.0	55.0	100.0
1992	27.0	73.0	100.0	44.0	56.0	100.0
1993	26.6	73.4	100.0	49.1	50.9	100.0
1994	26.9	73.1	100.0	52.6	47.4	100.0
1995	23.5	76.5	100.0	43.1	56.9	100.0
1996	21.0	79.0	100.0	40.0	60.0	100.0
1997	24.4	75.6	100.0	47.1	52.9	100.0
1998	20.5	79.5	100.0	40.5	59.5	100.0
1999	21.0	79.0	100.0	38.0	62.0	100.0
2000	17.3	83.2	100.5	37.6	62.9	100.5

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 1.7

México: Superficie cosechada y producción por modalidad de los 10 principales cultivos

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	2,090,184	10,299,655	12,389,839	5,756,166	11,344,952	17,101,118
1971	2,066,255	10,648,084	12,714,339	4,988,152	12,208,075	17,196,227
1972	2,206,171	10,162,335	12,368,506	5,175,761	11,528,843	16,704,604
1973	2,423,434	10,480,693	12,904,127	6,489,153	10,989,774	17,478,927
1974	2,766,204	9,089,455	11,855,659	6,792,479	10,489,869	17,282,348
1975	2,882,213	9,484,092	12,366,305	7,986,195	11,132,786	19,118,981
1976	2,774,377	8,783,080	11,557,457	8,093,541	10,042,901	18,136,442
1977	3,149,074	9,844,821	12,993,895	8,800,196	11,688,442	20,488,638
1978	3,341,616	9,245,370	12,586,986	9,222,236	12,200,543	21,422,779
1979	3,406,734	6,965,048	10,371,782	9,539,030	8,764,471	18,303,501
1980	3,337,269	8,893,866	12,231,135	9,791,260	13,517,677	23,308,937
1981	3,623,953	10,278,912	13,902,865	11,246,423	17,190,051	28,436,474
1982	3,543,565	7,162,844	10,706,409	11,663,538	10,665,161	22,328,699
1983	3,334,294	9,985,121	13,319,415	10,056,596	14,977,299	25,033,895
1984	3,278,571	9,409,540	12,688,111	11,279,289	14,580,166	25,859,455
1985	3,630,535	10,367,140	13,997,675	13,053,398	16,588,885	29,642,283
1986	3,491,812	8,811,021	12,302,833	12,386,096	13,301,857	25,687,953
1987	3,496,064	9,448,624	12,944,688	12,012,104	14,052,547	26,064,651
1988	2,913,237	9,343,266	12,256,503	9,964,816	12,855,192	22,820,008
1989	3,393,018	8,473,473	11,866,491	11,251,460	12,068,881	23,320,341
1990	3,131,245	10,193,408	13,324,653	11,339,773	16,466,404	27,806,176
1991	3,302,138	9,123,528	12,425,666	11,734,456	14,348,945	26,083,401
1992	3,151,079	8,529,013	11,680,092	12,451,701	15,821,662	28,273,363
1993	3,121,732	8,615,150	11,736,882	13,275,435	13,754,579	27,029,980
1994	3,557,967	9,676,652	13,234,619	15,211,443	13,703,969	28,915,411
1995	3,110,149	10,119,707	13,229,856	12,414,569	16,368,984	28,783,548
1996	2,942,002	11,078,273	14,020,275	12,489,006	18,756,428	31,245,434
1997	3,043,084	9,453,500	12,496,584	13,966,147	15,680,524	29,646,671
1998	2,790,887	10,841,885	13,634,572	12,581,360	18,453,976	31,035,355
1999	2,543,835	9,596,101	12,139,900	11,411,634	18,597,524	30,009,200
2000	2,515,916	12,089,687	14,531,300	11,684,324	19,544,263	31,063,000

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 1.8

México: Rendimientos, producción entre superficie cosechada de los 10 principales cultivos

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	1,380.25	2,753.90	1,101.49
1971	1,352.51	2,414.10	1,146.50
1972	1,350.58	2,346.04	1,134.47
1973	1,354.52	2,677.67	1,048.57
1974	1,457.73	2,455.52	1,154.07
1975	1,546.05	2,770.86	1,173.84
1976	1,569.24	2,917.25	1,143.44
1977	1,576.79	2,794.53	1,187.27
1978	1,701.98	2,759.81	1,319.64
1979	1,764.74	2,800.05	1,258.35
1980	1,905.71	2,933.91	1,519.89
1981	2,045.37	3,103.36	1,672.36
1982	2,085.55	3,291.47	1,488.96
1983	1,879.50	3,016.11	1,499.96
1984	2,038.09	3,440.31	1,549.51
1985	2,117.66	3,595.45	1,600.14
1986	2,087.97	3,547.18	1,509.68
1987	2,013.54	3,435.89	1,487.26
1988	1,861.87	3,420.53	1,375.88
1989	1,965.23	3,316.06	1,424.31
1990	2,086.82	3,621.49	1,615.40
1991	2,099.16	3,553.59	1,572.74
1992	2,420.65	3,951.57	1,855.04
1993	2,302.99	4,252.59	1,596.56
1994	2,184.83	4,275.32	1,416.19
1995	2,175.65	3,991.63	1,617.54
1996	2,228.59	4,245.07	1,693.08
1997	2,372.38	4,589.47	1,658.70
1998	2,276.23	4,508.01	1,702.10
1999	2,471.95	4,486.00	1,938.03
2000	2,137.66	4,644.16	1,616.61

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 2.1

México: Oferta y demanda total de arroz

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones	(c = a+b) (c = d+j-k)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	332,944.0	337.0	333,281.0	257,566.0	8,034.0	16,646.0	35,714.0	197,172.0	0.0	4,286.0	71,429.0
1962	288,972.0	143.0	289,115.0	270,539.0	8,085.0	14,449.0	40,000.0	208,005.0	0.0	90,004.0	-71,428.0
1963	296,373.0	2,712.0	299,085.0	298,885.0	7,956.0	14,829.0	37,143.0	238,957.0	0.0	200.0	0.0
1964	274,430.0	54.0	274,484.0	274,484.0	8,286.0	13,718.0	38,572.0	213,908.0	0.0	0.0	0.0
1965	377,531.0	25,476.0	403,007.0	322,977.0	9,158.0	18,877.0	24,286.0	270,656.0	0.0	30.0	80,000.0
1966	372,227.0	17,760.0	389,987.0	351,416.0	10,102.0	18,612.0	22,857.0	299,845.0	0.0	0.0	38,571.0
1967	417,888.0	47.0	417,935.0	370,792.0	8,323.0	20,894.0	25,714.0	315,861.0	0.0	0.0	47,143.0
1968	347,249.0	153.0	347,402.0	382,046.0	9,179.0	17,362.0	21,857.0	333,648.0	0.0	65,356.0	-100,000.0
1969	394,938.0	7,064.0	402,002.0	394,859.0	8,998.0	19,746.0	27,429.0	338,686.0	0.0	0.0	7,143.0
1970	405,385.0	23,287.0	428,672.0	414,386.0	9,214.0	20,269.0	29,286.0	355,617.0	0.0	0.0	14,286.0
1971	369,167.0	1,144.0	370,311.0	413,168.0	9,369.0	18,457.0	21,143.0	364,199.0	0.0	0.0	-42,857.0
1972	403,192.0	946.0	404,138.0	431,588.0	9,024.0	20,160.0	27,429.0	374,975.0	0.0	16,836.0	-44,286.0
1973	450,575.0	54,166.0	504,741.0	487,595.0	10,377.0	22,529.0	27,143.0	427,546.0	0.0	17,146.0	0.0
1974	491,608.0	101,853.0	593,461.0	501,818.0	15,400.0	24,580.0	28,571.0	433,267.0	0.0	5,929.0	85,714.0
1975	716,628.0	9.0	716,637.0	516,637.0	9,565.0	35,832.0	20,044.0	451,196.0	0.0	0.0	200,000.0
1976	463,432.0	19.0	463,451.0	513,055.0	10,828.0	23,172.0	20,653.0	458,402.0	0.0	396.0	-50,000.0
1977	567,338.0	123.0	567,461.0	534,301.0	7,279.0	28,367.0	21,429.0	477,226.0	0.0	4,589.0	28,571.0
1978	401,780.0	131.0	401,911.0	481,011.0	10,080.0	20,091.0	21,429.0	429,411.0	0.0	85,186.0	-164,286.0
1979	493,794.0	50,969.0	544,763.0	540,104.0	9,240.0	24,690.0	21,429.0	484,745.0	0.0	4,659.0	0.0
1980	445,364.0	132,980.0	578,344.0	549,773.0	11,580.0	22,588.0	21,429.0	494,176.0	0.0	0.0	28,571.0
1981	643,550.0	114,747.0	758,297.0	615,440.0	12,420.0	32,661.0	21,429.0	548,930.0	0.0	0.0	142,857.0
1982	511,000.0	30,967.0	541,967.0	599,110.0	9,900.0	25,552.0	66,299.0	497,359.0	0.0	0.0	-57,143.0
1983	416,000.0	338.0	416,338.0	630,624.0	8,700.0	20,801.0	69,300.0	531,823.0	0.0	0.0	-214,286.0
1984	484,024.0	243,507.0	727,531.0	727,531.0	16,200.0	24,201.0	51,587.0	635,543.0	0.0	0.0	0.0
1985	807,529.0	285,046.0	1,092,575.0	792,575.0	11,820.0	40,376.0	50,000.0	690,379.0	0.0	0.0	300,000.0
1986	545,157.0	1,427.0	546,584.0	618,013.0	11,100.0	27,258.0	51,429.0	528,226.0	0.0	0.0	-71,429.0
1987	591,099.0	3,204.0	594,303.0	536,946.0	10,500.0	29,591.0	117,143.0	379,712.0	0.0	214.0	57,143.0
1988	455,811.0	1,241.0	457,052.0	742,117.0	11,593.0	22,791.0	141,462.0	566,271.0	0.0	650.0	-285,715.0
1989	527,118.0	261,698.0	788,816.0	788,237.0	7,176.0	27,219.0	133,200.0	620,642.0	0.0	579.0	0.0
1990	394,388.0	232,794.0	627,182.0	613,153.0	5,746.0	20,625.0	57,763.0	526,257.0	2,762.0	0.0	14,029.0
1991	347,245.0	171,979.0	519,224.0	510,403.0	5,816.0	19,799.0	78,090.0	406,247.0	451.0	38.0	8,783.0
1992	394,022.0	506,235.0	900,257.0	698,442.0	3,797.0	23,510.0	85,543.0	584,719.0	873.0	5.0	201,810.0
1993	287,180.0	419,380.0	706,560.0	750,760.0	5,800.0	24,819.0	81,906.0	637,921.0	314.0	183.0	-44,383.0
1994	373,616.0	431,774.0	805,390.0	809,918.0	5,410.0	27,850.0	78,840.0	697,818.0	0.0	48.0	-4,576.0
1995	367,030.0	377,165.0	744,195.0	736,275.0	5,482.0	31,599.0	70,874.0	628,320.0	0.0	944.0	6,976.0
1996	394,075.0	497,444.0	891,519.0	883,539.0	7,082.0	40,140.0	70,070.0	766,247.0	0.0	2,882.0	5,098.0
1997	469,455.0	459,845.0	929,300.0	940,259.0	6,420.0	43,776.0	93,806.0	794,873.0	1,384.0	2,912.0	-13,871.0
1998	458,112.0	424,737.0	882,849.0	879,973.0	nd	nd	nd	nd	nd	2,876.0	0.0
1999	394,746.0	554,666.0	949,412.0	947,575.0	nd	nd	nd	nd	nd	1,837.0	0.0
2000	450,488.0	nd	450,488.0	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 2.2

México: Balance interno de arroz

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	332,944.0	257,566.0	75,378.0
1962	288,972.0	270,539.0	18,433.0
1963	296,373.0	298,885.0	-2,512.0
1964	274,430.0	274,484.0	-54.0
1965	377,531.0	322,977.0	54,554.0
1966	372,227.0	351,416.0	20,811.0
1967	417,888.0	370,792.0	47,096.0
1968	347,249.0	382,046.0	-34,797.0
1969	394,938.0	394,859.0	79.0
1970	405,385.0	414,386.0	-9,001.0
1971	369,167.0	413,168.0	-44,001.0
1972	403,192.0	431,588.0	-28,396.0
1973	450,575.0	487,595.0	-37,020.0
1974	491,608.0	501,818.0	-10,210.0
1975	716,628.0	516,637.0	199,991.0
1976	463,432.0	513,055.0	-49,623.0
1977	567,338.0	534,301.0	33,037.0
1978	401,780.0	481,011.0	-79,231.0
1979	493,794.0	540,104.0	-46,310.0
1980	445,364.0	549,773.0	-104,409.0
1981	643,550.0	615,440.0	28,110.0
1982	511,000.0	599,110.0	-88,110.0
1983	416,000.0	630,624.0	-214,624.0
1984	484,024.0	727,531.0	-243,507.0
1985	807,529.0	792,575.0	14,954.0
1986	545,157.0	618,013.0	-72,856.0
1987	591,099.0	536,946.0	54,153.0
1988	455,811.0	742,117.0	-286,306.0
1989	527,118.0	788,237.0	-261,119.0
1990	394,388.0	613,153.0	-218,765.0
1991	347,245.0	510,403.0	-163,158.0
1992	394,022.0	698,442.0	-304,420.0
1993	287,180.0	750,760.0	-463,580.0
1994	373,616.0	809,918.0	-436,302.0
1995	367,030.0	736,275.0	-369,245.0
1996	394,075.0	883,539.0	-489,464.0
1997	469,455.0	940,259.0	-470,804.0
1998	458,112.0	879,973.0	-421,861.0
1999	394,746.0	947,575.0	-552,829.0
2000	450,488.0	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 2.3

México: Rendimiento de arroz por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	146,341.0	332,944.0	2.2751
1962	133,904.0	288,972.0	2.1581
1963	134,757.0	296,373.0	2.1993
1964	132,594.0	274,430.0	2.0697
1965	138,065.0	377,531.0	2.7344
1966	152,642.0	372,227.0	2.4386
1967	168,363.0	417,888.0	2.4821
1968	138,712.0	347,249.0	2.5034
1969	152,980.0	394,938.0	2.5816
1970	149,973.0	405,385.0	2.7031
1971	153,572.0	369,167.0	2.4039
1972	156,145.0	403,192.0	2.5822
1973	150,400.0	450,575.0	2.9958
1974	172,949.0	491,608.0	2.8425
1975	256,661.0	716,628.0	2.7921
1976	159,410.0	463,432.0	2.9072
1977	180,464.0	567,338.0	3.1438
1978	121,314.0	401,780.0	3.3119
1979	151,228.0	493,794.0	3.2652
1980	127,477.0	445,364.0	3.4937
1981	174,792.0	643,550.0	3.6818
1982	156,809.0	511,000.0	3.2587
1983	133,326.0	416,000.0	3.1202
1984	125,896.0	484,024.0	3.8446
1985	216,466.0	807,529.0	3.7305
1986	157,430.0	545,157.0	3.4629
1987	154,814.0	591,099.0	3.8181
1988	126,670.0	455,811.0	3.5984
1989	151,458.0	527,118.0	3.4803
1990	105,402.0	394,388.0	3.7418
1991	84,790.0	347,245.0	4.0954
1992	90,420.0	394,022.0	4.3577
1993	58,939.0	287,180.0	4.8725
1994	87,796.0	373,616.0	4.2555
1995	78,439.0	367,030.0	4.6792
1996	86,778.0	394,075.0	4.5412
1997	113,492.0	469,455.0	4.1365
1998	101,600.0	458,112.0	4.5090
1999	82,600.0	394,746.0	4.7790
2000	97,900.0	450,488.0	4.6015

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 2.4

México: Producción y consumo de arroz por habitante

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	9.1936	7.1122	2.0814
1962	37,486,139	7.7088	7.2170	0.4917
1963	38,800,538	7.6384	7.7031	-0.0647
1964	40,147,986	6.6355	6.6368	-0.0013
1965	41,535,628	9.0893	7.7759	1.3134
1966	42,955,469	8.6654	8.1809	0.4845
1967	44,397,880	9.4123	8.3516	1.0608
1968	45,859,633	7.5720	8.3308	-0.7588
1969	47,337,557	8.3430	8.3413	0.0017
1970	48,852,306	8.2982	8.4824	-0.1842
1971	50,383,081	7.3257	8.1989	-0.8732
1972	51,948,772	7.7613	8.3080	-0.5466
1973	53,517,788	8.4192	9.1109	-0.6917
1974	55,104,832	8.9213	9.1066	-0.1853
1975	56,687,703	12.6417	9.1137	3.5279
1976	58,291,820	7.9602	8.8015	-0.8513
1977	59,900,617	9.4713	8.9198	0.6515
1978	61,527,486	6.5301	7.8178	-1.2877
1979	63,161,213	7.8180	8.6512	-0.7332
1980	64,788,572	6.8741	8.4856	-1.6115
1981	66,425,164	9.6883	9.2652	0.4232
1982	68,081,155	7.5057	8.7999	-1.2942
1983	69,744,148	5.9647	9.0420	-3.0773
1984	71,421,164	6.7770	10.1865	-3.4095
1985	73,112,440	11.0450	10.8405	0.2045
1986	74,817,783	7.2865	8.2602	-0.9738
1987	76,536,428	7.7231	7.0156	0.7075
1988	78,266,888	5.8238	9.4819	-3.6581
1989	80,019,134	6.5874	9.8506	-3.2632
1990	81,781,347	4.8225	7.4975	-2.6750
1991	83,554,530	4.1559	6.1086	-1.9527
1992	85,348,102	4.6166	8.1835	-3.5668
1993	87,117,464	3.2965	8.6178	-5.3213
1994	88,863,239	4.2044	9.1142	-4.9098
1995	90,578,718	4.0521	8.1286	-4.0765
1996	92,228,065	4.2728	9.5799	-5.3071
1997	93,813,963	5.0041	10.0226	-5.0185
1998	95,326,450	4.8057	9.2312	-4.4254
1999	96,714,381	4.0816	9.7977	-5.7161
2000	97,925,886	4.6003	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 2.5

México: Oferta y demanda total de arroz

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+j-k)	Consumo aparente total (d = e+f+g+h+i)	Semillas (e)	Desperdicios 1 (f)	Transformación (g)	Alimentación (h)	Otros usos (i)	Exportaciones (j)	Cambio en las existencias 1* (k)
1961	99.90	0.10	100.00	77.28	3.12	6.46	13.67	76.55	0.00	1.29	21.43
1962	99.95	0.05	100.00	93.57	2.99	5.34	14.79	76.89	0.00	31.13	-24.71
1963	99.09	0.91	100.00	99.93	2.66	4.96	12.43	79.96	0.00	0.07	0.00
1964	99.98	0.02	100.00	100.00	3.02	5.00	14.05	77.93	0.00	0.00	0.00
1965	93.68	6.32	100.00	80.14	2.84	5.84	7.52	83.80	0.00	0.01	19.85
1966	95.45	4.55	100.00	90.11	2.67	5.30	6.50	86.32	0.00	0.00	9.89
1967	99.99	0.01	100.00	88.72	2.24	5.63	6.93	86.19	0.00	0.00	11.28
1968	99.96	0.04	100.00	109.97	2.40	4.54	5.72	87.33	0.00	18.81	-28.79
1969	98.24	1.76	100.00	98.22	2.28	5.00	6.96	86.77	0.00	0.00	1.78
1970	94.57	5.43	100.00	96.67	2.22	4.89	7.07	85.82	0.00	0.00	3.33
1971	99.69	0.31	100.00	111.57	2.27	4.47	5.12	88.15	0.00	0.00	-11.57
1972	99.77	0.23	100.00	106.79	2.09	4.67	6.36	86.88	0.00	4.17	-10.96
1973	89.27	10.73	100.00	96.60	2.13	4.62	5.57	87.68	0.00	3.40	0.00
1974	82.84	17.16	100.00	84.56	3.07	4.90	5.69	86.34	0.00	1.00	14.44
1975	100.00	0.00	100.00	72.09	1.86	6.94	3.88	87.33	0.00	0.00	27.91
1976	100.00	0.00	100.00	110.70	2.11	4.52	4.03	89.35	0.00	0.09	-10.79
1977	99.98	0.02	100.00	94.16	1.36	5.31	4.01	89.32	0.00	0.81	5.03
1978	99.97	0.03	100.00	119.68	2.10	4.18	4.45	89.27	0.00	21.20	-40.88
1979	90.64	9.36	100.00	99.14	1.71	4.57	3.97	89.75	0.00	0.86	0.00
1980	77.01	22.99	100.00	95.06	2.11	4.11	3.90	89.89	0.00	0.00	4.94
1981	84.87	15.13	100.00	81.16	2.02	5.31	3.48	89.19	0.00	0.00	18.84
1982	94.29	5.71	100.00	110.54	1.65	4.26	11.07	83.02	0.00	0.00	-10.54
1983	99.92	0.08	100.00	151.47	1.38	3.30	10.99	84.33	0.00	0.00	-51.47
1984	66.53	33.47	100.00	100.00	2.23	3.33	7.09	87.36	0.00	0.00	0.00
1985	73.91	26.09	100.00	72.54	1.49	5.09	6.31	87.11	0.00	0.00	27.46
1986	99.74	0.26	100.00	113.07	1.80	4.41	8.32	85.47	0.00	0.00	-13.07
1987	99.46	0.54	100.00	90.35	1.96	5.51	21.82	70.72	0.00	0.04	9.62
1988	99.73	0.27	100.00	162.37	1.56	3.07	19.06	76.30	0.00	0.14	-62.51
1989	66.82	33.18	100.00	99.93	0.91	3.45	16.90	78.74	0.00	0.07	0.00
1990	62.88	37.12	100.00	97.76	0.94	3.36	9.42	85.83	0.45	0.00	2.24
1991	66.88	33.12	100.00	98.30	1.14	3.88	15.30	79.59	0.09	0.01	1.69
1992	43.77	56.23	100.00	77.58	0.54	3.37	12.25	83.72	0.12	0.00	22.42
1993	40.64	59.36	100.00	106.26	0.77	3.31	10.91	84.97	0.04	0.03	-6.28
1994	46.39	53.61	100.00	100.56	0.67	3.44	9.73	86.16	0.00	0.01	-0.57
1995	49.32	50.68	100.00	98.94	0.74	4.29	9.63	85.34	0.00	0.13	0.94
1996	44.20	55.80	100.00	99.10	0.80	4.54	7.93	86.72	0.00	0.32	0.57
1997	50.52	49.48	100.00	101.18	0.68	4.66	9.98	84.54	0.15	0.31	-1.49
1998	51.89	48.11	100.00	99.67	nd	nd	nd	nd	nd	0.33	0.00
1999	41.58	58.42	100.00	99.81	nd	nd	nd	nd	nd	0.19	0.00
2000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 2.6

México: Superficie cosechada y producción por modalidad de arroz

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	42	58	100	67	33	100
1971	41	59	100	72	28	100
1972	42	58	100	61	39	100
1973	39	61	100	55	45	100
1974	43	57	100	63	37	100
1975	49	51	100	71	29	100
1976	39	61	100	58	42	100
1977	60	40	100	75	25	100
1978	62	38	100	78	22	100
1979	72	28	100	81	19	100
1980	59	41	100	73	27	100
1981	62	38	100	69	31	100
1982	57	43	100	67	33	100
1983	42	58	100	60	40	100
1984	58	42	100	72	28	100
1985	61	39	100	74	26	100
1986	54	46	100	64	36	100
1987	51	49	100	61	39	100
1988	31	69	100	42	58	100
1989	56	44	100	71	29	100
1990	50	50	100	61	39	100
1991	52	48	100	62	38	100
1992	63	37	100	70	30	100
1993	45	55	100	52	48	100
1994	45	55	100	59	41	100
1995	53	47	100	63	37	100
1996	44	56	100	56	44	100
1997	46	54	100	56	44	100
1998	38	62	100	50	50	100
1999	40	60	100	53	47	100
2000	37	63	100	48	52	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 2.7

México: Superficie cosechada y producción por modalidad de arroz

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	62,989	86,984	149,973.0	272,259	133,126	405,385.0
1971	63,236	90,336	153,572.0	266,844	102,323	369,167.0
1972	65,386	90,759	156,145.0	244,116	159,076	403,192.0
1973	58,155	92,245	150,400.0	248,215	202,360	450,575.0
1974	74,978	97,971	172,949.0	310,752	180,856	491,608.0
1975	124,835	131,826	256,661.0	508,736	207,892	716,628.0
1976	62,160	97,250	159,410.0	266,673	196,759	463,432.0
1977	108,278	72,186	180,464.0	425,253	142,085	567,338.0
1978	75,195	46,119	121,314.0	311,829	89,951	401,780.0
1979	108,163	43,065	151,228.0	397,834	95,960	493,794.0
1980	75,415	52,062	127,477.0	324,688	120,676	445,364.0
1981	109,180	65,612	174,792.0	442,657	200,893	643,550.0
1982	89,114	67,695	156,809.0	344,809	166,191	511,000.0
1983	56,122	77,204	133,326.0	247,873	168,127	416,000.0
1984	72,700	53,196	125,896.0	346,622	137,402	484,024.0
1985	132,776	83,690	216,466.0	594,362	213,167	807,529.0
1986	84,514	72,916	157,430.0	349,992	195,165	545,157.0
1987	79,510	75,304	154,814.0	361,242	229,857	591,099.0
1988	39,468	87,202	126,670.0	189,328	266,483	455,811.0
1989	85,109	66,349	151,458.0	373,241	153,877	527,118.0
1990	52,781	52,621	105,402.0	239,320	155,068	394,388.0
1991	44,353	40,437	84,790.0	214,690	132,555	347,245.0
1992	56,657	33,763	90,420.0	277,609	116,413	394,022.0
1993	26,690	32,249	58,939.0	148,459	138,721	287,180.0
1994	39,715	48,081	87,796.0	221,900	151,716	373,616.0
1995	41,887	36,552	78,439.0	230,670	136,360	367,030.0
1996	38,300	48,478	86,778.0	219,997	174,078	394,075.0
1997	52,318	61,174	113,492.0	264,619	204,836	469,455.0
1998	38,338	63,262	101,600.0	227,884	230,228	458,112.0
1999	33,447	49,172	82,600.0	208,942	185,804	394,746.0
2000	36,260	61,617	97,900.0	217,656	232,832	450,488.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 2.8

México: Rendimientos, producción entre superficie cosechada de arroz

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	2,703.05	4,322.34	1,530.46
1971	2,403.87	4,219.84	1,132.69
1972	2,582.16	3,733.48	1,752.72
1973	2,995.84	4,268.19	2,193.72
1974	2,842.50	4,144.58	1,846.01
1975	2,792.12	4,075.26	1,577.02
1976	2,907.17	4,290.12	2,023.22
1977	3,143.77	3,927.41	1,968.32
1978	3,311.90	4,146.96	1,950.39
1979	3,265.23	3,678.09	2,228.26
1980	3,493.68	4,305.35	2,317.93
1981	3,681.80	4,054.38	3,061.84
1982	3,258.74	3,869.30	2,455.00
1983	3,120.17	4,416.68	2,177.70
1984	3,844.63	4,767.83	2,582.95
1985	3,730.51	4,476.43	2,547.10
1986	3,462.85	4,141.23	2,676.57
1987	3,818.12	4,543.35	3,052.39
1988	3,598.41	4,797.00	3,055.93
1989	3,480.29	4,385.45	2,319.21
1990	3,741.75	4,534.21	2,946.88
1991	4,095.35	4,840.48	3,278.06
1992	4,357.69	4,899.82	3,447.95
1993	4,872.50	5,562.35	4,301.56
1994	4,255.50	5,587.31	3,155.43
1995	4,679.18	5,506.96	3,730.58
1996	4,541.19	5,744.05	3,590.86
1997	4,136.46	5,057.90	3,348.42
1998	4,508.98	5,944.02	3,639.30
1999	4,779.01	6,246.96	3,778.65
2000	4,601.51	6,002.65	3,778.70

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 3.1

México: Oferta y demanda total de cebada

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones	(c = a+b) (c = d+j-k)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	174,132	32,987	207,119.0	185,083	20,570	9,632	6,099	147,778	1,004	44	21,992
1962	151,115	34,591	185,706.0	179,613	18,663	11,622	5,761	143,351	216	1	6,092
1963	185,616	14,435	200,051.0	182,800	20,118	10,585	5,898	146,000	199	14	17,237
1964	170,564	43,390	213,954.0	203,916	21,232	11,314	6,295	164,865	210	0	10,038
1965	193,235	96,632	289,867.0	215,554	20,126	12,037	8,603	174,656	132	0	74,313
1966	220,063	34,591	254,654.0	229,273	22,999	11,922	7,544	186,707	101	0	25,381
1967	203,373	5,761	209,134.0	228,824	23,416	12,590	7,392	185,289	137	0	-19,690
1968	252,706	4,274	256,980.0	234,471	20,841	12,248	7,617	193,659	106	0	22,509
1969	212,477	3,341	215,818.0	246,846	22,573	11,204	7,638	205,357	74	0	-31,028
1970	237,563	4,094	241,657.0	262,598	23,167	11,060	8,187	220,085	99	0	-20,941
1971	270,332	4,106	274,438.0	243,333	61,220	10,872	8,158	162,974	109	0	31,105
1972	310,073	4,547	314,620.0	307,197	75,404	13,122	9,370	209,241	60	19,548	-12,125
1973	392,360	57,216	449,576.0	370,114	119,698	8,668	13,449	228,297	2	493	78,969
1974	250,391	123,381	373,772.0	421,885	124,468	14,323	12,396	270,689	9	1	-48,114
1975	440,254	155,122	595,376.0	451,190	173,686	18,177	17,802	241,513	12	46	144,140
1976	549,226	4,360	553,586.0	444,860	172,304	12,270	16,545	243,741	0	158	108,568
1977	417,785	161	417,946.0	496,236	171,683	14,569	16,138	293,846	0	50,681	-128,971
1978	505,274	86,921	592,195.0	505,972	170,353	17,874	17,766	299,979	0	202	86,021
1979	367,545	43,889	411,434.0	598,392	223,984	17,247	17,143	340,018	0	160	-187,118
1980	529,858	243,114	772,972.0	621,499	259,180	15,093	23,189	324,037	0	510	150,963
1981	559,180	124,977	684,157.0	621,521	261,032	14,964	20,525	325,000	0	136	62,500
1982	396,149	18,578	414,727.0	533,090	249,545	15,939	18,884	248,722	0	361	-118,724
1983	556,714	121,356	678,070.0	577,007	288,017	15,516	20,325	253,149	0	85	100,978
1984	618,987	122,640	741,627.0	616,052	298,106	14,182	22,249	281,515	0	618	124,957
1985	536,182	38,418	574,600.0	589,056	265,229	15,279	17,232	291,316	0	422	-14,878
1986	514,734	3,817	518,551.0	592,312	247,735	15,868	18,555	310,154	0	333	-74,094
1987	616,688	558	617,246.0	606,044	257,826	14,643	18,517	315,058	0	497	10,705
1988	349,590	7,939	357,529.0	618,413	265,143	14,420	17,314	321,176	360	268	-261,152
1989	435,035	204,922	639,957.0	663,661	279,097	13,388	17,582	344,410	9,184	0	-23,704
1990	491,941	199,315	691,256.0	767,957	313,390	14,792	18,995	416,194	4,586	508,657	-585,358
1991	580,196	158,062	738,258.0	778,082	344,044	15,411	19,932	391,828	6,867	465,672	-505,496
1992	549,966	218,344	768,310.0	660,767	287,369	14,177	20,460	331,088	7,673	55,327	52,216
1993	540,529	190,208	730,737.0	639,720	285,988	6,845	19,232	323,847	3,808	26,980	64,037
1994	307,266	184,207	491,473.0	646,278	163,001	12,783	15,029	451,252	4,213	35,493	-190,298
1995	486,636	189,535	676,171.0	692,580	196,257	15,718	16,652	438,989	24,964	2,135	-18,544
1996	585,754	357,196	942,950.0	1,020,356	475,001	13,277	26,576	500,400	5,102	1,574	-78,980
1997	470,671	258,756	729,427.0	749,119	177,120	16,283	19,311	529,771	6,634	5,495	-25,187
1998	410,766	286,783	697,549.0	697,547	nd	nd	nd	nd	nd	2	0
1999	466,145	335,008	801,153.0	801,148	nd	nd	nd	nd	nd	5	0
2000	531,912	nd	531,912	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 3.2

México: Balance interno de cebada

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	174,132.0	185,083.0	-10,951.0
1962	151,115.0	179,613.0	-28,498.0
1963	185,616.0	182,800.0	2,816.0
1964	170,564.0	203,916.0	-33,352.0
1965	193,235.0	215,554.0	-22,319.0
1966	220,063.0	229,273.0	-9,210.0
1967	203,373.0	228,824.0	-25,451.0
1968	252,706.0	234,471.0	18,235.0
1969	212,477.0	246,846.0	-34,369.0
1970	237,563.0	262,598.0	-25,035.0
1971	270,332.0	243,333.0	26,999.0
1972	310,073.0	307,197.0	2,876.0
1973	392,360.0	370,114.0	22,246.0
1974	250,391.0	421,885.0	-171,494.0
1975	440,254.0	451,190.0	-10,936.0
1976	549,226.0	444,860.0	104,366.0
1977	417,785.0	496,236.0	-78,451.0
1978	505,274.0	505,972.0	-698.0
1979	367,545.0	598,392.0	-230,847.0
1980	529,858.0	621,499.0	-91,641.0
1981	559,180.0	621,521.0	-62,341.0
1982	396,149.0	533,090.0	-136,941.0
1983	556,714.0	577,007.0	-20,293.0
1984	618,987.0	616,052.0	2,935.0
1985	536,182.0	589,056.0	-52,874.0
1986	514,734.0	592,312.0	-77,578.0
1987	616,688.0	606,044.0	10,644.0
1988	349,590.0	618,413.0	-268,823.0
1989	435,035.0	663,661.0	-228,626.0
1990	491,941.0	767,957.0	-276,016.0
1991	580,196.0	778,082.0	-197,886.0
1992	549,966.0	660,767.0	-110,801.0
1993	540,529.0	639,720.0	-99,191.0
1994	307,266.0	646,278.0	-339,012.0
1995	486,636.0	692,580.0	-205,944.0
1996	585,754.0	1,020,356.0	-434,602.0
1997	470,671.0	749,119.0	-278,448.0
1998	410,766.0	697,547.0	-286,781.0
1999	466,145.0	801,148.0	-335,003.0
2000	531,912.0	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 3.3

México: Rendimiento de la cebada por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	233,103	174,132.0	0.7470
1962	192,645	151,115.0	0.7844
1963	232,423	185,616.0	0.7986
1964	211,709	170,564.0	0.8057
1965	226,285	193,235.0	0.8539
1966	240,750	220,063.0	0.9141
1967	238,461	203,373.0	0.8529
1968	251,829	252,706.0	1.0035
1969	244,965	212,477.0	0.8674
1970	224,051	237,563.0	1.0603
1971	221,199	270,332.0	1.2221
1972	217,401	310,073.0	1.4263
1973	262,461	392,360.0	1.4949
1974	173,353	250,391.0	1.4444
1975	286,464	440,254.0	1.5369
1976	363,518	549,226.0	1.5109
1977	248,481	417,785.0	1.6814
1978	296,391	505,274.0	1.7048
1979	250,295	367,545.0	1.4684
1980	319,315	529,858.0	1.6594
1981	271,327	559,180.0	2.0609
1982	229,441	396,149.0	1.7266
1983	303,621	556,714.0	1.8336
1984	283,121	618,987.0	2.1863
1985	280,529	536,182.0	1.9113
1986	266,485	514,734.0	1.9316
1987	286,225	616,688.0	2.1546
1988	247,214	349,590.0	1.4141
1989	263,526	435,035.0	1.6508
1990	262,840	491,941.0	1.8716
1991	284,096	580,196.0	2.0423
1992	289,974	549,966.0	1.8966
1993	234,156	540,529.0	2.3084
1994	115,815	307,266.0	2.6531
1995	246,407	486,636.0	1.9749
1996	283,295	585,754.0	2.0676
1997	243,522	470,671.0	1.9328
1998	267,500	410,766.0	1.5356
1999	213,600	466,145.0	2.1823
2000	315,200	531,912.0	1.6875

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 3.4

México: Producción y consumo de la cebada por habitante

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	4.8083	5.1107	-0.3024
1962	37,486,139	4.0312	4.7915	-0.7602
1963	38,800,538	4.7839	4.7113	0.0726
1964	40,147,986	4.2484	5.0791	-0.8307
1965	41,535,828	4.6522	5.1896	-0.5373
1966	42,955,469	5.1230	5.3376	-0.2144
1967	44,397,880	4.5807	5.1539	-0.5732
1968	45,859,533	5.5104	5.1128	0.3976
1969	47,337,557	4.4886	5.2146	-0.7260
1970	48,852,306	4.8629	5.3753	-0.5125
1971	50,393,091	5.3645	4.8287	0.5358
1972	51,948,772	5.9688	5.9136	0.0554
1973	53,517,788	7.3314	6.9157	0.4157
1974	55,104,832	4.5439	7.6560	-3.1121
1975	56,687,703	7.7663	7.9592	-0.1929
1976	58,291,820	9.4220	7.6316	1.7904
1977	59,900,617	6.9746	8.2843	-1.3097
1978	61,527,486	8.2122	8.2235	-0.0113
1979	63,161,213	5.8192	9.4740	-3.6549
1980	64,788,572	8.1783	9.5927	-1.4145
1981	66,425,164	8.4182	9.3567	-0.9385
1982	68,081,155	5.8188	7.8302	-2.0114
1983	69,744,148	7.9822	8.2732	-0.2910
1984	71,421,164	8.6667	8.6256	0.0411
1985	73,112,440	7.3337	8.0569	-0.7232
1986	74,817,783	6.8798	7.9167	-1.0369
1987	76,536,428	8.0574	7.9184	0.1391
1988	78,266,888	4.4666	7.9013	-3.4347
1989	80,019,134	5.4366	8.2938	-2.8571
1990	81,781,347	6.0153	9.3904	-3.3750
1991	83,554,530	6.9439	9.3123	-2.3683
1992	85,348,102	6.4438	7.7420	-1.2982
1993	87,117,464	6.2046	7.3432	-1.1386
1994	88,863,239	3.4577	7.2727	-3.8150
1995	90,578,718	5.3725	7.6462	-2.2736
1996	92,228,065	6.3511	11.0634	-4.7123
1997	93,813,963	5.0171	7.9852	-2.9681
1998	95,326,450	4.3090	7.3175	-3.0084
1999	96,714,391	4.8198	8.2836	-3.4638
2000	97,925,896	5.4318	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 3.5

México: Oferta y demanda total de cebada

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones	(c = a+b) (c = d+j+k)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	84.07	15.93	100.00	89.36	11.11	5.20	3.30	79.84	0.54	0.02	10.62
1962	81.37	18.63	100.00	96.72	10.39	6.47	3.21	79.81	0.12	0.00	3.28
1963	92.78	7.22	100.00	91.38	11.01	5.79	3.23	79.87	0.11	0.01	8.62
1964	79.72	20.28	100.00	95.31	10.41	5.55	3.09	80.85	0.10	0.00	4.69
1965	66.66	33.34	100.00	74.36	9.34	5.58	3.99	61.03	0.06	0.00	25.64
1966	86.42	13.58	100.00	90.03	10.03	5.20	3.29	81.43	0.04	0.00	9.97
1967	97.25	2.75	100.00	109.42	10.23	5.50	3.23	80.97	0.06	0.00	-9.42
1968	98.34	1.66	100.00	91.24	8.89	5.22	3.25	82.59	0.05	0.00	8.76
1969	98.45	1.55	100.00	114.38	9.14	4.54	3.09	83.19	0.03	0.00	-14.38
1970	98.31	1.69	100.00	108.67	8.82	4.21	3.12	83.81	0.04	0.00	-8.67
1971	98.50	1.50	100.00	88.67	25.16	4.47	3.35	66.98	0.04	0.00	11.33
1972	98.55	1.45	100.00	97.64	24.55	4.27	3.05	68.11	0.02	6.21	-3.85
1973	87.27	12.73	100.00	82.33	32.34	2.34	3.63	61.68	0.00	0.11	17.57
1974	66.99	33.01	100.00	112.87	29.50	3.40	2.94	64.16	0.00	0.00	-12.87
1975	73.95	26.05	100.00	75.78	38.50	4.03	3.95	53.53	0.00	0.01	24.21
1976	99.21	0.79	100.00	80.36	38.73	2.76	3.72	54.79	0.00	0.03	19.61
1977	99.96	0.04	100.00	118.73	34.60	2.94	3.25	59.21	0.00	12.13	-30.86
1978	85.32	14.68	100.00	85.44	33.67	3.53	3.51	59.29	0.00	0.03	14.53
1979	89.33	10.67	100.00	145.44	37.43	2.88	2.86	56.82	0.00	0.04	-45.48
1980	68.55	31.45	100.00	80.40	41.70	2.43	3.73	52.14	0.00	0.07	19.53
1981	81.73	18.27	100.00	90.84	42.00	2.41	3.30	52.29	0.00	0.02	9.14
1982	95.52	4.48	100.00	128.54	46.81	2.99	3.54	46.66	0.00	0.09	-28.63
1983	82.10	17.90	100.00	85.10	49.92	2.69	3.52	43.87	0.00	0.01	14.89
1984	83.46	16.54	100.00	83.07	48.39	2.30	3.61	45.70	0.00	0.08	16.85
1985	93.31	6.69	100.00	102.52	45.03	2.59	2.93	49.45	0.00	0.07	-2.59
1986	99.26	0.74	100.00	114.22	41.63	2.68	3.13	52.36	0.00	0.06	-14.29
1987	99.91	0.09	100.00	98.19	42.54	2.42	3.06	51.99	0.00	0.08	1.73
1988	97.78	2.22	100.00	172.97	42.67	2.33	2.80	51.94	0.06	0.07	-73.04
1989	67.98	32.02	100.00	103.70	42.05	2.02	2.65	51.90	1.38	0.00	-3.70
1990	71.17	28.83	100.00	111.10	40.81	1.93	2.47	54.19	0.60	73.58	-84.68
1991	78.59	21.41	100.00	105.39	44.22	1.98	2.56	50.36	0.88	63.08	-68.47
1992	71.58	28.42	100.00	86.00	43.49	2.15	3.10	50.11	1.16	7.20	6.80
1993	73.97	26.03	100.00	87.54	44.71	1.07	3.01	50.62	0.60	3.69	8.76
1994	62.52	37.48	100.00	131.50	25.22	1.98	2.33	69.82	0.65	7.22	-38.72
1995	71.97	28.03	100.00	102.43	28.34	2.27	2.40	63.38	3.60	0.32	-2.74
1996	62.12	37.88	100.00	108.21	46.55	1.30	2.60	49.04	0.50	0.17	-8.38
1997	64.53	35.47	100.00	102.70	23.64	2.17	2.58	70.72	0.89	0.75	-3.46
1998	58.89	41.11	100.00	100.00	nd	nd	nd	nd	nd	0.00	0.00
1999	58.18	41.82	100.00	100.00	nd	nd	nd	nd	nd	0.00	0.00
2000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 3.6

México: Superficie cosechada y producción por modalidad de

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	13	87	100	39	61	100
1971	14	86	100	37	63	100
1972	15	85	100	35	65	100
1973	16	84	100	39	61	100
1974	25	75	100	60	40	100
1975	17	83	100	42	58	100
1976	18	82	100	38	62	100
1977	29	71	100	54	46	100
1978	16	84	100	31	69	100
1979	20	80	100	48	52	100
1980	16	84	100	30	70	100
1981	19	81	100	33	67	100
1982	26	74	100	50	50	100
1983	16	84	100	29	71	100
1984	19	81	100	33	67	100
1985	15	85	100	30	70	100
1986	24	76	100	43	57	100
1987	22	78	100	43	57	100
1988	22	78	100	55	45	100
1989	14	86	100	27	73	100
1990	16	84	100	31	69	100
1991	18	82	100	36	64	100
1992	17	83	100	36	64	100
1993	23	77	100	44	56	100
1994	32	68	100	54	46	100
1995	15	85	100	37	63	100
1996	10	90	100	24	76	100
1997	10	90	100	25	75	100
1998	8	92	100	22	78	100
1999	17	83	100	36	64	100
2000	12	88	100	33	67	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 3.7

México: Superficie cosechada y producción por modalidad de cebada

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	30,007	194,044	224,051	93,827	143,736	237,563
1971	31,028	190,171	221,199	100,123	170,209	270,332
1972	32,059	185,342	217,401	110,026	200,047	310,073
1973	43,076	219,385	262,461	152,140	240,220	392,360
1974	44,090	129,263	173,353	150,235	100,156	250,391
1975	48,078	238,386	286,464	184,106	256,148	440,254
1976	64,914	298,604	363,518	206,085	343,141	549,226
1977	71,138	177,343	248,481	225,884	191,901	417,785
1978	46,061	250,330	296,391	156,085	349,189	505,274
1979	51,060	199,235	250,295	174,784	192,761	367,545
1980	50,382	268,933	319,315	157,503	372,355	529,858
1981	52,334	218,993	271,327	185,210	373,970	559,180
1982	60,204	169,237	229,441	199,169	196,980	396,149
1983	48,514	255,107	303,621	159,423	397,291	556,714
1984	52,760	230,361	283,121	206,237	412,750	618,987
1985	42,990	237,539	280,529	158,319	377,863	536,182
1986	63,564	202,921	266,485	220,424	294,310	514,734
1987	61,835	224,390	286,225	266,319	350,369	616,688
1988	54,116	193,098	247,214	190,557	159,033	349,590
1989	36,598	226,928	263,526	116,643	318,392	435,035
1990	41,486	221,354	262,840	154,137	337,804	491,941
1991	51,167	232,929	284,096	206,444	373,752	580,196
1992	48,184	241,790	289,974	197,009	352,957	549,966
1993	53,375	180,781	234,156	236,998	303,531	540,529
1994	37,261	78,554	115,815	167,249	140,017	307,266
1995	38,018	208,389	246,407	181,987	304,649	486,636
1996	27,670	255,625	283,295	142,950	442,804	585,754
1997	24,264	219,258	243,522	115,347	355,324	470,671
1998	21,471	244,229	265,700	89,863	320,903	410,766
1999	37,157	176,452	213,600	168,359	297,786	466,145
2000	36,051	276,026	315,200	176,541	355,371	531,912

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 3.8

México: Rendimientos, producción entre superficie cosechada de cebada

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	1,060.31	3,126.87	740.74
1971	1,222.12	3,226.87	895.03
1972	1,426.27	3,431.97	1,079.34
1973	1,494.93	3,531.92	1,094.97
1974	1,444.40	3,407.47	774.83
1975	1,536.86	3,829.33	1,074.51
1976	1,510.86	3,174.74	1,149.15
1977	1,681.36	3,175.30	1,082.09
1978	1,704.75	3,388.67	1,394.91
1979	1,468.45	3,423.09	967.51
1980	1,659.36	3,126.18	1,384.56
1981	2,060.91	3,539.00	1,707.68
1982	1,726.58	3,308.24	1,163.93
1983	1,833.58	3,286.12	1,557.35
1984	2,186.30	3,908.97	1,791.75
1985	1,911.32	3,682.69	1,590.74
1986	1,931.57	3,467.74	1,450.37
1987	2,154.56	4,306.93	1,561.43
1988	1,414.12	3,521.27	823.59
1989	1,650.82	3,187.14	1,403.05
1990	1,871.64	3,715.40	1,526.08
1991	2,042.25	4,034.71	1,604.57
1992	1,896.60	4,088.68	1,459.77
1993	2,308.41	4,440.24	1,679.00
1994	2,653.08	4,488.58	1,782.43
1995	1,974.93	4,786.86	1,461.92
1996	2,067.65	5,166.25	1,732.24
1997	1,932.77	4,753.83	1,620.57
1998	1,545.98	4,185.39	1,313.94
1999	2,182.33	4,531.02	1,687.63
2000	1,687.54	4,896.98	1,287.45

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 4.1

México: Oferta y demanda total de cártamo

(Toneladas)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo aparente total (d)	Exportaciones (e)
1961	41,394.0	0.0	41,394.0	41,394.0	0.0
1962	46,777.0	0.0	46,777.0	46,777.0	0.0
1963	47,159.0	0.0	47,159.0	47,159.0	0.0
1964	47,150.0	0.0	47,150.0	47,150.0	0.0
1965	79,626.0	0.0	79,626.0	79,626.0	2.0
1966	236,243.0	0.0	236,243.0	185,636.0	50,607.0
1967	149,043.0	0.0	149,043.0	127,221.0	21,822.0
1968	102,145.0	0.0	102,145.0	102,145.0	0.0
1969	208,873.0	0.0	208,873.0	208,873.0	0.0
1970	288,493.0	0.0	288,493.0	288,493.0	0.0
1971	410,734.0	0.0	410,734.0	410,454.0	280.0
1972	271,286.0	0.0	271,286.0	223,905.0	47,381.0
1973	298,172.0	0.0	298,172.0	285,510.0	12,662.0
1974	272,429.0	0.0	272,429.0	272,429.0	0.0
1975	532,297.0	0.0	532,297.0	526,515.0	5,782.0
1976	240,318.0	0.0	240,318.0	240,250.0	68.0
1977	518,444.0	0.0	518,444.0	518,425.0	19.0
1978	615,556.0	2.0	615,558.0	615,558.0	0.0
1979	634,724.0	45.0	634,769.0	634,652.0	117.0
1980	479,692.0	4.0	479,696.0	479,696.0	0.0
1981	324,170.0	3.0	324,173.0	324,173.0	0.0
1982	239,108.0	455.0	239,563.0	239,563.0	7.0
1983	278,936.0	0.0	278,936.0	278,936.0	2.0
1984	212,324.0	0.0	212,324.0	212,324.0	1.0
1985	151,585.0	0.0	151,585.0	151,585.0	0.0
1986	164,218.0	0.0	164,218.0	164,218.0	0.0
1987	219,785.0	0.0	219,785.0	219,785.0	37.0
1988	247,642.0	0.0	247,642.0	247,642.0	0.0
1989	142,108.0	38.0	142,146.0	142,146.0	0.0
1990	159,384.0	173.0	159,557.0	159,419.0	138.0
1991	88,173.0	227.0	88,400.0	88,399.0	1.0
1992	41,033.0	582.0	41,615.0	41,596.0	20.0
1993	63,885.0	622.0	64,507.0	64,504.0	3.0
1994	63,924.0	667.0	64,591.0	64,591.0	0.0
1995	113,267.0	529.0	113,796.0	113,793.0	3.0
1996	181,589.5	290.0	181,879.5	181,815.5	64.0
1997	163,391.0	141.0	163,532.0	163,394.0	138.0
1998	171,219.0	164.0	171,383.0	171,269.0	114.0
1999	262,740.0	38.0	262,778.0	261,535.0	1,243.0
2000	112,000.0	nd	nd	nd	nd

1 Avance de cosecha a junio del 2000.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1998, Italia, Noviembre del 2000.

CUADRO 4.2

México: Balance interno de cártamo

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	41,394.0	41,394.0	0.0
1962	46,777.0	46,777.0	0.0
1963	47,159.0	47,159.0	0.0
1964	47,150.0	47,150.0	0.0
1965	79,626.0	79,626.0	0.0
1966	236,243.0	185,636.0	50,607.0
1967	149,043.0	127,221.0	21,822.0
1968	102,145.0	102,145.0	0.0
1969	208,873.0	208,873.0	0.0
1970	288,493.0	288,493.0	0.0
1971	410,734.0	410,454.0	280.0
1972	271,286.0	223,905.0	47,381.0
1973	298,172.0	285,510.0	12,662.0
1974	272,429.0	272,429.0	0.0
1975	532,297.0	526,515.0	5,782.0
1976	240,318.0	240,250.0	68.0
1977	518,444.0	518,425.0	19.0
1978	615,556.0	615,558.0	-2.0
1979	634,724.0	634,652.0	72.0
1980	479,692.0	479,696.0	-4.0
1981	324,170.0	324,173.0	-3.0
1982	239,108.0	239,563.0	-455.0
1983	278,936.0	278,936.0	0.0
1984	212,324.0	212,324.0	0.0
1985	151,585.0	151,585.0	0.0
1986	164,218.0	164,218.0	0.0
1987	219,785.0	219,781.0	4.0
1988	247,642.0	247,642.0	0.0
1989	142,108.0	142,146.0	-38.0
1990	159,384.0	159,419.0	-35.0
1991	88,173.0	88,399.0	-226.0
1992	41,033.0	41,595.0	-562.0
1993	63,885.0	64,504.0	-619.0
1994	63,924.0	64,591.0	-667.0
1995	113,267.0	113,793.0	-526.0
1996	181,589.5	181,815.5	-226.0
1997	163,391.0	163,394.0	-3.0
1998	171,219.0	171,269.0	-50.0
1999	262,740.0	261,535.0	1,205.0
2000	112,000.0	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 4.3

México: Rendimiento de cártamo por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	32,861.0	41,394.0	1.2597
1962	36,826.0	46,777.0	1.2702
1963	36,326.0	47,159.0	1.2982
1964	35,597.0	47,150.0	1.3245
1965	58,805.0	79,626.0	1.3541
1966	164,933.0	236,243.0	1.4324
1967	100,314.0	149,043.0	1.4858
1968	85,748.0	102,145.0	1.1912
1969	144,782.0	208,873.0	1.4427
1970	175,391.0	288,493.0	1.6449
1971	264,932.0	410,734.0	1.5503
1972	198,837.0	271,286.0	1.3644
1973	197,992.0	298,172.0	1.5060
1974	191,654.0	272,429.0	1.4215
1975	363,051.0	532,297.0	1.4662
1976	184,937.0	240,318.0	1.2995
1977	403,713.0	518,444.0	1.2842
1978	429,062.0	615,556.0	1.4347
1979	528,357.0	634,724.0	1.2013
1980	416,250.0	479,692.0	1.1524
1981	398,820.0	324,170.0	0.8128
1982	190,140.0	239,108.0	1.2575
1983	348,838.0	278,936.0	0.7996
1984	226,710.0	212,324.0	0.9365
1985	234,004.0	151,585.0	0.6478
1986	206,192.0	164,218.0	0.7964
1987	277,211.0	219,785.0	0.7928
1988	201,206.0	247,642.0	1.2308
1989	148,898.0	142,108.0	0.9544
1990	157,199.0	159,384.0	1.0139
1991	93,704.0	88,173.0	0.9410
1992	81,102.0	41,033.0	0.5059
1993	73,443.0	63,885.0	0.8699
1994	57,676.0	63,924.0	1.1083
1995	96,795.0	113,267.0	1.1702
1996	120,544.0	181,589.5	1.5064
1997	96,152.0	163,391.0	1.6993
1998	123,100.0	171,219.0	1.3909
1999	166,400.0	262,740.0	1.5790
2000	80,400.0	109,020.0	1.3560

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 4.4

México: Producción y consumo de cártamo por habitante

(Kilogramos)

Año	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	1.1430	1.1430	0.0000
1962	37,486,139	1.2478	1.2478	0.0000
1963	38,800,538	1.2154	1.2154	0.0000
1964	40,147,986	1.1744	1.1744	0.0000
1965	41,535,828	1.9170	1.9170	0.0000
1966	42,955,469	5.4997	4.3216	1.1781
1967	44,397,880	3.3570	2.8655	0.4915
1968	45,859,633	2.2273	2.2273	0.0000
1969	47,337,557	4.4124	4.4124	0.0000
1970	48,852,306	5.9054	5.9054	0.0000
1971	50,393,091	8.1506	8.1450	0.0056
1972	51,948,772	5.2222	4.3101	0.9121
1973	53,517,788	5.5715	5.3349	0.2366
1974	55,104,832	4.9438	4.9438	0.0000
1975	56,687,703	9.3900	9.2880	0.1020
1976	58,291,820	4.1227	4.1215	0.0012
1977	59,900,617	8.6551	8.6548	0.0003
1978	61,527,486	10.0046	10.0046	0.0000
1979	63,161,213	10.0493	10.0481	0.0011
1980	64,788,572	7.4040	7.4040	-0.0001
1981	66,425,164	4.8802	4.8803	0.0000
1982	68,081,155	3.5121	3.5188	-0.0067
1983	69,744,148	3.9994	3.9994	0.0000
1984	71,421,164	2.9728	2.9728	0.0000
1985	73,112,440	2.0733	2.0733	0.0000
1986	74,817,783	2.1949	2.1949	0.0000
1987	76,536,428	2.8716	2.8716	0.0001
1988	78,266,888	3.1641	3.1641	0.0000
1989	80,019,134	1.7759	1.7764	-0.0005
1990	81,781,347	1.9489	1.9493	-0.0004
1991	83,554,530	1.0553	1.0580	-0.0027
1992	85,348,102	0.4808	0.4874	-0.0066
1993	87,117,464	0.7333	0.7404	-0.0071
1994	88,863,239	0.7194	0.7269	-0.0075
1995	90,578,718	1.2505	1.2563	-0.0058
1996	92,228,065	1.9689	1.9714	-0.0025
1997	93,813,963	1.7416	1.7417	0.0000
1998	95,326,450	1.7961	1.7967	-0.0005
1999	96,714,391	2.7167	2.7042	0.0125
2000	97,925,896	1.1437	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 4.5

México: Oferta y demanda total de cártamo

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción	Importaciones	(c = a+b) (c = d+e)	Consumo aparente total	Exportaciones
	(a)	(b)		(d)	(e)
1961	100.00	0.00	100.00	100.00	0.00
1962	100.00	0.00	100.00	100.00	0.00
1963	100.00	0.00	100.00	100.00	0.00
1964	100.00	0.00	100.00	100.00	0.00
1965	100.00	0.00	100.00	100.00	0.00
1966	100.00	0.00	100.00	78.58	21.42
1967	100.00	0.00	100.00	85.36	14.64
1968	100.00	0.00	100.00	100.00	0.00
1969	100.00	0.00	100.00	100.00	0.00
1970	100.00	0.00	100.00	100.00	0.00
1971	100.00	0.00	100.00	99.93	0.07
1972	100.00	0.00	100.00	82.53	17.47
1973	100.00	0.00	100.00	95.75	4.25
1974	100.00	0.00	100.00	100.00	0.00
1975	100.00	0.00	100.00	98.91	1.09
1976	100.00	0.00	100.00	99.97	0.03
1977	100.00	0.00	100.00	100.00	0.00
1978	100.00	0.00	100.00	100.00	0.00
1979	99.99	0.01	100.00	99.98	0.02
1980	100.00	0.00	100.00	100.00	0.00
1981	100.00	0.00	100.00	100.00	0.00
1982	99.81	0.19	100.00	100.00	0.00
1983	100.00	0.00	100.00	100.00	0.00
1984	100.00	0.00	100.00	100.00	0.00
1985	100.00	0.00	100.00	100.00	0.00
1986	100.00	0.00	100.00	100.00	0.00
1987	100.00	0.00	100.00	100.00	0.02
1988	100.00	0.00	100.00	100.00	0.00
1989	99.97	0.03	100.00	100.00	0.00
1990	99.89	0.11	100.00	99.91	0.09
1991	99.74	0.26	100.00	100.00	0.00
1992	98.60	1.40	100.00	99.95	0.05
1993	99.04	0.96	100.00	100.00	0.00
1994	98.97	1.03	100.00	100.00	0.00
1995	99.54	0.46	100.00	100.00	0.00
1996	99.84	0.16	100.00	99.96	0.04
1997	99.91	0.09	100.00	99.92	0.08
1998	99.90	0.10	100.00	99.93	0.07
1999	99.99	0.01	100.00	99.53	0.47
2000	nd	nd	100.00	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 4.6

México: Superficie cosechada y producción por modalidad de

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	74	26	100	91	9	100
1971	87	13	100	85	15	100
1972	81	19	100	95	5	100
1973	79	21	100	81	19	100
1974	82	18	100	93	7	100
1975	78	22	100	91	9	100
1976	100	nd	nd	100	nd	nd
1977	38	62	100	58	42	100
1978	76	24	100	89	11	100
1979	67	33	100	77	23	100
1980	60	40	100	75	25	100
1981	56	44	100	70	30	100
1982	62	38	100	71	29	100
1983	51	49	100	68	32	100
1984	36	64	100	52	48	100
1985	20	80	100	39	61	100
1986	23	77	100	46	54	100
1987	28	72	100	53	47	100
1988	38	62	100	69	31	100
1989	51	49	100	72	28	100
1990	44	56	100	68	32	100
1991	29	71	100	44	56	100
1992	16	84	100	35	65	100
1993	32	68	100	53	47	100
1994	51	49	100	73	27	100
1995	56	44	100	80	20	100
1996	67	33	100	87	13	100
1997	68	32	100	82	18	100
1998	44	56	100	70	30	100
1999	63	37	100	86	14	100
2000	41	59	100	77	23	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 4.7

México: Superficie cosechada y producción por modalidad de cartamo

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	129,288	46,103	175,391.0	263,297	25,196	288,493.0
1971	231,435	33,497	264,932.0	347,928	62,806	410,734.0
1972	161,867	36,970	198,837.0	257,271	14,015	271,286.0
1973	156,994	40,998	197,992.0	241,139	57,033	298,172.0
1974	157,715	33,939	191,654.0	254,401	18,028	272,429.0
1975	282,040	81,011	363,051.0	483,270	49,027	532,297.0
1976	184,937	nd	184,937.0	240,318	nd	240,318.0
1977	153,891	249,822	403,713.0	298,255	220,189	518,444.0
1978	325,047	104,015	429,062.0	549,604	65,952	615,556.0
1979	353,239	175,118	528,357.0	490,787	143,937	634,724.0
1980	247,703	168,547	416,250.0	359,930	119,762	479,692.0
1981	223,050	175,770	398,820.0	228,184	95,986	324,170.0
1982	117,182	72,958	190,140.0	169,766	69,342	239,108.0
1983	178,821	170,017	348,838.0	190,405	88,531	278,936.0
1984	81,060	145,650	226,710.0	109,805	102,519	212,324.0
1985	46,969	187,035	234,004.0	59,384	92,201	151,585.0
1986	48,448	157,744	206,192.0	76,059	88,159	164,218.0
1987	78,324	198,887	277,211.0	115,821	103,964	219,785.0
1988	75,599	125,607	201,206.0	169,858	77,784	247,642.0
1989	76,333	72,565	148,898.0	101,894	40,214	142,108.0
1990	68,831	88,368	157,199.0	109,076	50,308	159,384.0
1991	27,273	66,431	93,704.0	38,852	49,321	88,173.0
1992	13,127	67,975	81,102.0	14,448	26,585	41,033.0
1993	23,364	50,079	73,443.0	33,776	30,109	63,885.0
1994	29,360	28,316	57,676.0	46,347	17,577	63,924.0
1995	53,916	42,879	96,795.0	91,105	22,162	113,267.0
1996	81,159	39,385	120,544.0	157,574	24,016	181,589.5
1997	65,635	30,517	96,152.0	133,227	30,164	163,391.0
1998	54,684	68,416	123,100.0	119,266	51,934	171,200.0
1999	103,983	62,355	166,400.0	226,964	35,776	262,740
2000	42,268	61,189	80,400.0	83,978	25,042	112,000.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 4.8

México: Rendimientos, producción entre superficie cosechada de cartamo

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	1,644.86	2,036.51	546.52
1971	1,550.34	1,503.35	1,874.98
1972	1,364.36	1,589.40	379.09
1973	1,505.98	1,535.98	1,391.10
1974	1,421.46	1,613.04	531.20
1975	1,466.18	1,713.48	605.19
1976	1,299.46	1,299.46	nd
1977	1,284.19	1,938.10	881.38
1978	1,434.66	1,690.84	634.07
1979	1,201.32	1,389.39	821.94
1980	1,152.41	1,453.07	710.56
1981	812.82	1,023.02	546.09
1982	1,257.54	1,448.74	950.44
1983	799.61	1,064.78	520.72
1984	936.54	1,354.61	703.87
1985	647.79	1,264.32	492.96
1986	796.43	1,569.91	558.87
1987	792.84	1,478.74	522.73
1988	1,230.79	2,246.83	619.26
1989	954.40	1,334.86	554.18
1990	1,013.90	1,584.69	569.30
1991	940.97	1,424.56	742.44
1992	505.94	1,100.63	391.10
1993	869.86	1,445.64	601.23
1994	1,108.33	1,578.58	620.74
1995	1,170.17	1,689.76	516.85
1996	1,506.42	1,941.55	609.76
1997	1,699.30	2,029.82	988.43
1998	1,390.74	2,180.99	759.10
1999	1,578.97	2,182.70	573.75
2000	1,393.03	1,986.80	409.26

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 5.1

México: Oferta y demanda total de frijol

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Semillas	Desperdicios 1	Alimentación	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	723,340	9,748	733,088	733,085	50,211	36,654	646,220	3	0
1962	655,608	3,253	658,861	656,458	51,323	32,943	572,192	2,403	0
1963	677,280	8,650	685,930	654,293	62,731	34,296	557,266	31,637	0
1964	891,526	8,188	899,714	879,632	63,505	44,986	771,141	20,082	0
1965	859,584	166	859,750	843,233	67,200	42,988	733,045	16,517	0
1966	1,013,169	261	1,013,430	841,299	57,899	50,672	732,728	102,131	70,000
1967	980,170	274	980,444	854,589	53,720	49,022	751,847	65,855	60,000
1968	856,939	282	857,221	857,396	49,666	46,861	760,869	79,825	-80,000
1969	834,599	367	834,966	831,461	52,409	44,248	734,804	53,505	-50,000
1970	925,041	8,632	933,673	882,346	58,953	46,684	776,709	11,327	40,000
1971	953,785	454	954,239	954,087	50,602	47,712	855,773	152	0
1972	869,509	2,652	872,161	875,183	56,091	45,608	773,484	36,978	-40,000
1973	1,008,887	18,066	1,026,953	908,771	46,556	51,348	810,867	28,182	90,000
1974	971,576	39,351	1,010,927	930,577	52,579	50,546	827,452	350	80,000
1975	1,027,303	104,399	1,131,702	931,516	39,475	56,585	835,456	186	200,000
1976	739,812	179	739,991	817,790	48,922	43,000	725,868	42,201	-120,000
1977	770,093	29,226	799,319	859,242	47,407	49,466	762,369	130,077	-190,000
1978	948,744	1,238	949,982	815,898	50,640	47,499	717,759	44,084	90,000
1979	640,514	6,786	647,300	795,910	59,010	39,865	697,035	1,390	-150,000
1980	935,174	444,306	1,379,480	1,377,342	72,240	68,974	1,236,128	2,138	0
1981	1,331,000	482,126	1,813,126	1,811,120	73,170	90,656	1,647,294	2,006	0
1982	980,000	250,044	1,230,044	1,204,496	66,150	61,502	1,076,844	25,548	0
1983	1,286,000	145,848	1,431,848	1,375,997	60,840	71,592	1,243,565	55,851	0
1984	931,000	119,125	1,050,125	919,851	62,400	52,506	804,945	130,274	0
1985	911,908	178,921	1,090,829	1,090,707	69,660	54,541	966,506	122	0
1986	1,084,830	178,951	1,263,781	1,263,781	69,690	63,189	1,130,902	0	0
1987	1,023,575	39,470	1,063,045	1,062,976	70,320	53,152	939,504	69	0
1988	857,187	41,612	898,799	890,103	52,099	44,940	793,064	8,696	0
1989	593,436	110,370	703,806	702,628	68,149	35,190	599,289	1,178	0
1990	1,287,364	330,177	1,617,541	1,217,625	65,965	80,892	1,070,768	80	399,836
1991	1,378,519	29,802	1,408,321	1,208,179	55,826	70,430	1,081,923	420	199,722
1992	718,574	2,812	721,386	1,303,773	64,531	66,074	1,173,168	25,351	-607,738
1993	1,287,573	3,662	1,291,235	1,087,832	71,567	64,757	951,508	7,305	196,098
1994	1,364,239	50,725	1,414,964	1,121,880	70,612	71,088	980,180	99,751	193,333
1995	1,270,915	25,684	1,296,599	1,414,110	65,875	74,849	1,273,386	82,859	-200,370
1996	1,349,202	123,465	1,472,667	1,370,965	69,668	73,999	1,227,298	8,918	92,784
1997	965,056	56,058	1,021,114	1,347,961	69,243	67,761	1,210,957	6,453	-333,300
1998	1,260,710	172,588	1,433,298	1,428,629	nd	nd	nd	4,669	0
1999	1,080,631	61,066	1,141,697	1,136,152	nd	nd	nd	5,545	0
2000	1,157,769	nd	1,157,769	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 5.2

México: Balance interno de frijol

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	723,340	733,085	-9,745
1962	655,608	656,458	-850
1963	677,280	654,293	22,987
1964	891,526	879,632	11,894
1965	859,584	843,233	16,351
1966	1,013,169	841,299	171,870
1967	980,170	854,589	125,581
1968	856,939	857,396	-457
1969	834,599	831,461	3,138
1970	925,041	882,346	42,695
1971	953,785	954,087	-302
1972	869,509	875,183	-5,674
1973	1,008,887	908,771	100,116
1974	971,576	930,577	40,999
1975	1,027,303	931,516	95,787
1976	739,812	817,790	-77,978
1977	770,093	859,242	-89,149
1978	948,744	815,898	132,846
1979	640,514	795,910	-155,396
1980	935,174	1,377,342	-442,168
1981	1,331,000	1,811,120	-480,120
1982	980,000	1,204,496	-224,496
1983	1,286,000	1,375,997	-89,997
1984	931,000	919,851	11,149
1985	911,908	1,090,707	-178,799
1986	1,084,830	1,263,781	-178,951
1987	1,023,575	1,062,976	-39,401
1988	857,187	890,103	-32,916
1989	593,436	702,628	-109,192
1990	1,287,364	1,217,625	69,739
1991	1,378,519	1,208,179	170,340
1992	718,574	1,303,773	-585,199
1993	1,287,573	1,087,832	199,741
1994	1,364,239	1,121,880	242,359
1995	1,270,915	1,414,110	-143,195
1996	1,349,202	1,370,965	-21,763
1997	965,056	1,347,961	-382,905
1998	1,260,710	1,428,629	-167,919
1999	1,080,631	1,136,152	-55,521
2000	1,157,769	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 5.3

México: Rendimiento de frijol por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	1,617,107	723,340	0.4473
1962	1,673,694	655,608	0.3917
1963	1,710,767	677,280	0.3959
1964	2,091,025	891,526	0.4264
1965	2,116,858	859,584	0.4061
1966	2,240,022	1,013,169	0.4523
1967	1,929,967	980,170	0.5079
1968	1,790,669	856,939	0.4786
1969	1,655,520	834,599	0.5041
1970	1,746,947	925,041	0.5295
1971	1,965,126	953,785	0.4854
1972	1,686,746	869,509	0.5155
1973	1,869,686	1,008,887	0.5396
1974	1,551,877	971,576	0.6261
1975	1,752,632	1,027,303	0.5861
1976	1,315,819	739,812	0.5622
1977	1,630,732	770,093	0.4722
1978	1,580,228	948,744	0.6004
1979	1,051,431	640,514	0.6092
1980	1,551,352	935,174	0.6028
1981	1,990,569	1,331,000	0.6687
1982	1,571,092	980,000	0.6238
1983	1,957,801	1,286,000	0.6569
1984	1,679,426	931,000	0.5544
1985	1,782,341	911,908	0.5116
1986	1,807,976	1,084,830	0.6000
1987	1,787,066	1,023,575	0.5728
1988	1,947,298	857,187	0.4402
1989	1,320,851	593,436	0.4493
1990	2,094,017	1,287,364	0.6148
1991	1,988,981	1,378,519	0.6931
1992	1,295,588	718,574	0.5546
1993	1,873,862	1,287,573	0.6871
1994	2,086,687	1,364,239	0.6538
1995	2,040,447	1,270,915	0.6229
1996	2,048,397	1,349,202	0.6587
1997	1,615,057	965,056	0.5975
1998	2,146,472	1,260,710	0.5873
1999	1,694,700	1,080,631	0.6377
2000	2,224,000	1,157,769	0.5206

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 5.4

México: Producción y consumo de frijol por habitante
(Kilogramos)

Año	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	19.9736	20.2427	-0.2691
1962	37,486,139	17.4893	17.6120	-0.0227
1963	38,800,536	17.4554	16.8630	0.5924
1964	40,147,986	22.2060	21.9097	0.2963
1965	41,535,828	20.6960	20.3013	0.3937
1966	42,955,469	23.5865	19.5854	4.0011
1967	44,397,880	22.0770	19.2484	2.8285
1968	45,859,833	18.6861	18.6961	-0.0100
1969	47,337,557	17.6308	17.5645	0.0663
1970	48,852,306	18.9365	18.0615	0.8740
1971	50,393,091	18.9269	18.9329	-0.0060
1972	51,948,772	16.7378	16.8470	-0.1092
1973	53,517,788	18.8514	16.9807	1.8707
1974	55,104,832	17.6314	16.8874	0.7440
1975	56,687,703	18.1221	16.4324	1.6897
1976	58,291,820	12.6915	14.0292	-1.3377
1977	59,900,817	12.8562	14.3445	-1.4883
1978	61,527,486	15.4198	13.2607	2.1591
1979	63,161,213	10.1409	12.6012	-2.4603
1980	64,788,572	14.4342	21.2590	-6.8248
1981	66,425,164	20.0376	27.2656	-7.2280
1982	68,081,155	14.3946	17.6921	-3.2975
1983	69,744,148	18.4388	19.7292	-1.2904
1984	71,421,164	13.0354	12.8792	0.1561
1985	73,112,440	12.4727	14.9182	-2.4455
1986	74,817,783	14.4996	16.8915	-2.3918
1987	76,536,428	13.3737	13.8885	-0.5148
1988	78,266,898	10.9521	11.3727	-0.4206
1989	80,019,134	7.4162	8.7807	-1.3646
1990	81,781,347	15.7415	14.8888	0.8527
1991	83,554,530	16.4984	14.4598	2.0387
1992	85,348,102	8.4193	15.2759	-6.8566
1993	87,117,464	14.7797	12.4870	2.2928
1994	88,863,239	15.3521	12.6248	2.7273
1995	90,578,718	14.0311	15.6119	-1.5809
1996	92,228,065	14.6290	14.8649	-0.2360
1997	93,813,963	10.2869	14.3684	-4.0815
1998	95,326,450	13.2252	14.9867	-1.7615
1999	96,714,391	11.1734	11.7475	-0.5741
2000	97,925,896	11.8229	11.8229	0.0000

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos Consumos aparentes de productos agrícolas, SARH, 1983 y Banco de datos FAOSTAT, 1999, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 5.5

México: Oferta y demanda total del frijol

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Semillas	Desperdicios 1	Alimentación	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	98.67	1.33	100.00	100.00	6.85	5.00	88.15	0.00	0.00
1962	99.51	0.49	100.00	99.64	7.82	5.02	87.16	0.36	0.00
1963	98.74	1.26	100.00	95.39	9.59	5.24	85.17	4.61	0.00
1964	99.09	0.91	100.00	97.77	7.22	5.11	87.67	2.23	0.00
1965	99.98	0.02	100.00	98.08	7.97	5.10	86.93	1.92	0.00
1966	99.97	0.03	100.00	83.02	6.88	6.02	87.09	10.08	6.91
1967	99.97	0.03	100.00	87.16	6.29	5.74	87.98	6.72	6.12
1968	99.97	0.03	100.00	100.02	5.79	5.47	88.74	9.31	-9.33
1969	99.96	0.04	100.00	99.58	6.30	5.32	88.38	6.41	-5.99
1970	99.08	0.92	100.00	94.50	6.68	5.29	88.03	1.21	4.28
1971	99.95	0.05	100.00	99.98	5.30	5.00	89.70	0.02	0.00
1972	99.70	0.30	100.00	100.35	6.41	5.21	88.38	4.24	-4.59
1973	98.24	1.76	100.00	88.49	5.12	5.65	89.23	2.74	8.76
1974	96.11	3.89	100.00	92.05	5.65	5.43	88.92	0.03	7.91
1975	90.78	9.22	100.00	82.31	4.24	6.07	89.69	0.02	17.67
1976	99.98	0.02	100.00	110.51	5.98	5.26	88.76	5.70	-16.22
1977	96.34	3.66	100.00	107.50	5.52	5.76	88.73	16.27	-23.77
1978	99.87	0.13	100.00	85.89	6.21	5.82	87.97	4.64	9.47
1979	98.95	1.05	100.00	122.96	7.41	5.01	87.58	0.21	-23.17
1980	67.79	32.21	100.00	99.85	5.24	5.01	89.75	0.15	0.00
1981	73.41	26.59	100.00	99.89	4.04	5.01	90.95	0.11	0.00
1982	79.67	20.33	100.00	97.92	5.49	5.11	89.40	2.08	0.00
1983	89.81	10.19	100.00	96.10	4.42	5.20	90.38	3.90	0.00
1984	88.66	11.34	100.00	87.59	6.78	5.71	87.51	12.41	0.00
1985	83.60	16.40	100.00	99.99	6.39	5.00	88.61	0.01	0.00
1986	85.84	14.16	100.00	100.00	5.51	5.00	89.49	0.00	0.00
1987	96.29	3.71	100.00	99.99	6.62	5.00	88.38	0.01	0.00
1988	95.37	4.63	100.00	99.03	5.85	5.05	89.10	0.97	0.00
1989	84.32	15.68	100.00	99.83	9.70	5.01	85.29	0.17	0.00
1990	79.59	20.41	100.00	75.28	5.42	6.64	87.94	0.00	24.72
1991	97.88	2.12	100.00	85.79	4.62	5.83	89.55	0.03	14.18
1992	99.61	0.39	100.00	180.73	4.96	5.07	89.98	3.51	-84.25
1993	99.72	0.28	100.00	84.25	6.58	5.96	87.47	0.57	15.19
1994	96.42	3.58	100.00	79.29	6.29	6.34	87.37	7.05	13.66
1995	98.02	1.98	100.00	109.06	4.66	5.29	90.05	6.39	-15.45
1996	91.62	8.38	100.00	93.09	5.08	5.40	89.52	0.61	6.30
1997	94.51	5.49	100.00	132.01	5.14	5.03	89.84	0.63	-32.64
1998	87.96	12.04	100.00	99.67	nd	nd	nd	0.33	0.00
1999	94.65	5.35	100.00	99.51	nd	nd	nd	0.49	0.00
2000	100.00	nd	100.00	100.00	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 5.6

México: Superficie cosechada y producción por modalidad

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	4	96	100	9	91	100
1971	4	96	100	10	90	100
1972	4	96	100	9	91	100
1973	4	96	100	10	90	100
1974	10	90	100	17	83	100
1975	13	87	100	26	74	100
1976	13	87	100	26	74	100
1977	10	90	100	26	74	100
1978	13	87	100	30	70	100
1979	20	80	100	43	57	100
1980	15	85	100	29	71	100
1981	16	84	100	30	70	100
1982	21	79	100	41	59	100
1983	11	89	100	23	77	100
1984	10	90	100	22	78	100
1985	8	92	100	19	81	100
1986	11	89	100	27	73	100
1987	14	86	100	32	68	100
1988	12	88	100	31	69	100
1989	15	85	100	39	61	100
1990	13	87	100	28	72	100
1991	17	83	100	33	67	100
1992	17	83	100	41	59	100
1993	13	87	100	30	70	100
1994	14	86	100	34	66	100
1995	15	85	100	36	64	100
1996	12	88	100	26	74	100
1997	18	82	100	43	57	100
1998	15	85	100	33	67	100
1999	21	79	100	45	55	100
2000	11	89	100	30	70	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 5.7

México: Superficie cosechada y producción por modalidad de frijol

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	62,998	1,683,949	1,746,947	82,004	843,037	925,041
1971	75,269	1,889,857	1,965,126	94,239	859,546	953,785
1972	63,990	1,622,756	1,686,746	75,957	793,552	869,509
1973	79,987	1,789,699	1,869,686	100,989	907,898	1,008,887
1974	153,988	1,397,889	1,551,877	166,927	804,649	971,576
1975	227,952	1,524,680	1,752,632	266,078	761,225	1,027,303
1976	170,976	1,144,843	1,315,819	191,951	547,861	739,812
1977	165,973	1,464,759	1,630,732	203,025	567,068	770,093
1978	206,160	1,374,068	1,580,228	279,924	668,820	948,744
1979	213,087	838,344	1,051,431	274,791	365,723	640,514
1980	225,974	1,325,378	1,551,352	269,953	665,221	935,174
1981	316,461	1,674,108	1,990,569	392,865	938,135	1,331,000
1982	330,134	1,240,958	1,571,092	398,106	581,894	980,000
1983	218,586	1,739,215	1,957,801	294,756	991,244	1,286,000
1984	161,508	1,517,918	1,679,426	203,758	727,242	931,000
1985	140,150	1,642,191	1,782,341	175,904	736,004	911,908
1986	207,537	1,600,439	1,807,976	298,187	786,643	1,084,830
1987	248,781	1,538,285	1,787,066	323,717	699,858	1,023,575
1988	239,044	1,708,254	1,947,298	269,373	587,814	857,187
1989	195,195	1,125,656	1,320,851	233,164	360,272	593,436
1990	268,127	1,825,890	2,094,017	358,486	928,878	1,287,364
1991	335,552	1,653,429	1,988,981	450,033	928,486	1,378,519
1992	217,310	1,078,278	1,295,588	295,081	423,493	718,574
1993	243,118	1,630,744	1,873,862	381,930	905,640	1,287,570
1994	301,636	1,785,051	2,086,687	468,453	895,787	1,364,240
1995	299,984	1,740,463	2,040,447	451,697	819,223	1,270,920
1996	237,515	1,810,882	2,048,397	345,881	1,003,321	1,349,202
1997	282,854	1,332,203	1,615,057	414,829	550,227	965,056
1998	312,225	1,834,247	2,146,472	410,298	850,412	1,260,710
1999	348,377	1,346,282	1,694,700	481,802	598,829	1,080,631
2000	240,964	1,993,972	2,224,000	346,537	811,232	1,157,769

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 5.8

México: Rendimientos, producción entre superficie cosechada de frijol

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	529.52	1,301.68	500.63
1971	485.36	1,252.04	454.82
1972	515.49	1,187.01	489.02
1973	539.60	1,262.57	507.29
1974	626.07	1,084.03	575.62
1975	586.15	1,167.26	499.27
1976	562.24	1,122.68	478.55
1977	472.24	1,223.24	387.14
1978	600.38	1,357.80	486.74
1979	609.18	1,289.57	436.24
1980	602.81	1,194.62	501.91
1981	668.65	1,241.43	560.38
1982	623.77	1,205.89	468.91
1983	656.86	1,348.47	569.94
1984	554.36	1,261.60	479.10
1985	511.63	1,255.11	448.18
1986	600.02	1,436.79	491.52
1987	572.77	1,301.21	454.96
1988	440.19	1,126.88	344.10
1989	449.28	1,194.52	320.06
1990	614.78	1,337.00	508.73
1991	693.08	1,341.17	561.55
1992	554.63	1,357.88	392.75
1993	687.12	1,570.97	555.35
1994	653.78	1,553.04	501.83
1995	622.86	1,505.74	470.69
1996	658.66	1,456.25	554.05
1997	597.54	1,466.58	413.02
1998	587.34	1,314.11	463.63
1999	637.65	1,382.99	444.80
2000	520.58	1,438.13	406.84

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 6.1

México: Oferta y demanda total de maíz

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones	(c = a+b) (c = d+j-k)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	6,246,106	33,925	6,280,031.0	6,280,026	627,000	318,585	361,841	168,100	4,804,500	5	0
1962	6,337,359	99,975	6,437,334.0	6,433,860	650,000	348,154	370,383	167,987	4,897,336	3,474	0
1963	6,870,201	475,441	7,345,642.0	7,345,481	734,000	373,031	980,916	170,343	5,087,191	161	0
1964	8,454,046	46,013	8,500,059.0	8,217,562	849,000	385,919	1,607,530	197,198	5,177,915	282,497	0
1965	8,936,381	11,970	8,948,351.0	7,601,528	845,000	414,347	596,871	322,161	5,423,149	1,346,823	0
1966	9,271,485	4,503	9,275,988.0	7,524,167	928,000	380,547	414,115	261,930	5,539,575	851,821	900,000
1967	8,603,279	4,930	8,608,209.0	7,654,285	985,000	383,792	268,515	187,466	5,829,512	1,253,924	-300,000
1968	9,061,823	5,499	9,067,322.0	8,270,903	1,084,000	355,175	341,090	269,286	6,221,352	896,419	-100,000
1969	8,410,891	8,442	8,419,333.0	8,130,491	988,000	371,984	87,930	259,489	6,423,088	788,842	-500,000
1970	8,879,385	760,901	9,640,286.0	9,638,885	1,246,000	384,583	1,321,060	263,158	6,424,084	1,401	0
1971	9,785,734	17,228	9,802,962.0	9,525,479	1,157,000	364,609	1,091,646	317,294	6,594,930	277,483	0
1972	9,222,837	200,471	9,423,308.0	8,998,737	1,174,000	380,317	448,305	314,807	6,681,308	424,571	0
1973	8,609,132	1,144,592	9,753,724.0	9,723,369	1,358,000	335,862	835,879	316,526	6,877,102	30,355	0
1974	7,847,763	1,278,276	9,126,039.0	9,125,076	1,159,000	334,713	225,265	357,684	7,048,414	963	0
1975	8,448,708	2,636,597	11,085,305.0	10,079,148	1,416,000	339,159	598,106	386,230	7,339,653	6,157	1,000,000
1976	8,017,294	912,428	8,929,722.0	9,925,748	1,142,000	373,482	387,240	393,204	7,629,822	3,974	-1,000,000
1977	10,137,910	1,754,772	11,892,682.0	10,891,436	1,526,000	359,556	734,436	440,181	7,831,263	1,246	1,000,000
1978	10,930,080	1,419,763	12,349,843.0	11,348,188	1,577,000	352,150	855,589	464,942	8,098,507	1,655	1,000,000
1979	8,457,899	748,065	9,205,964.0	11,204,519	1,216,000	379,850	799,324	514,978	8,294,367	1,445	-2,000,000
1980	12,374,400	3,781,633	16,156,033.0	14,155,642	2,055,000	435,000	2,775,584	586,433	8,303,625	391	2,000,000
1981	14,765,760	3,070,438	17,836,198.0	14,835,186	2,727,000	428,400	2,463,899	683,880	8,532,007	1,012	3,000,000
1982	10,030,000	373,034	10,403,034.0	13,401,851	1,595,000	422,450	1,984,719	688,959	8,710,723	1,183	-3,000,000
1983	13,061,210	4,691,064	17,752,274.0	14,730,168	2,830,000	396,600	1,771,560	633,639	9,098,369	22,106	3,000,000
1984	12,931,640	2,499,088	15,430,728.0	14,425,802	3,000,000	418,300	1,001,130	683,218	9,323,154	4,926	1,000,000
1985	14,103,450	1,728,650	15,832,100.0	15,117,340	3,000,000	403,850	1,238,448	695,711	9,779,331	14,760	700,000
1986	11,721,470	1,705,372	13,426,842.0	15,722,036	3,000,000	414,700	1,339,550	681,364	10,286,422	4,806	-2,300,000
1987	11,606,930	3,624,710	15,231,640.0	16,722,821	3,500,000	401,450	1,679,978	701,250	10,440,143	8,819	-1,500,000
1988	10,599,500	3,304,490	13,903,990.0	16,287,628	2,500,000	378,213	1,686,489	734,598	10,988,328	16,362	-2,400,000
1989	10,952,850	3,668,041	14,620,891.0	17,083,688	3,003,448	395,876	1,761,162	848,896	11,074,306	37,203	-2,500,000
1990	14,635,439	4,020,276	18,655,715.0	17,650,554	3,588,080	386,502	2,014,514	890,466	10,770,992	46,908	958,253
1991	14,251,500	1,367,755	15,619,255.0	16,768,117	2,400,000	400,134	1,906,886	968,054	11,093,043	3,069	-1,151,931
1992	16,929,342	1,305,106	18,234,448.0	17,229,154	2,760,000	412,380	2,084,128	1,048,024	10,924,622	19,891	985,403
1993	18,125,263	190,321	18,315,584.0	20,134,371	5,500,000	459,824	2,018,176	1,070,138	11,086,233	50,202	-1,868,989
1994	18,235,826	2,263,253	20,499,079.0	18,910,061	4,336,320	453,982	2,165,780	1,012,995	10,940,984	65,293	1,523,725
1995	18,352,856	2,661,446	21,014,302.0	19,652,546	4,299,330	431,952	2,117,866	1,070,586	11,732,812	96,243	1,265,513
1996	18,025,952	5,844,002	23,869,954.0	21,007,054	5,389,866	456,654	2,116,008	1,073,290	11,971,236	80,347	2,782,553
1997	17,656,258	2,500,776	20,157,034.0	21,052,039	5,450,000	424,758	2,108,424	1,085,000	11,983,857	134,050	-1,029,055
1998	18,454,710	5,218,573	23,673,283.0	23,442,312	nd	nd	nd	nd	nd	230,971	0
1999	18,314,345	5,498,845	23,813,190.0	23,795,378	nd	nd	nd	nd	nd	17,812	0
2000	18,760,838	nd	18,760,838	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 6.2

México: Balance interno de maíz

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	6,246,106.0	6,280,026.0	-33,920.0
1962	6,337,359.0	6,433,860.0	-96,501.0
1963	6,870,201.0	7,345,481.0	-475,280.0
1964	8,454,046.0	8,217,562.0	236,484.0
1965	8,936,381.0	7,601,528.0	1,334,853.0
1966	9,271,485.0	7,524,167.0	1,747,318.0
1967	8,603,279.0	7,654,285.0	948,994.0
1968	9,061,823.0	8,270,903.0	790,920.0
1969	8,410,891.0	8,130,491.0	280,400.0
1970	8,879,385.0	9,638,885.0	-759,500.0
1971	9,785,734.0	9,525,479.0	260,255.0
1972	9,222,837.0	8,998,737.0	224,100.0
1973	8,609,132.0	9,723,369.0	-1,114,237.0
1974	7,847,763.0	9,125,076.0	-1,277,313.0
1975	8,448,708.0	10,079,148.0	-1,630,440.0
1976	8,017,294.0	9,925,748.0	-1,908,454.0
1977	10,137,910.0	10,891,436.0	-753,526.0
1978	10,930,080.0	11,348,188.0	-418,108.0
1979	8,457,899.0	11,204,519.0	-2,746,620.0
1980	12,374,400.0	14,155,642.0	-1,781,242.0
1981	14,765,760.0	14,835,186.0	-69,426.0
1982	10,030,000.0	13,401,851.0	-3,371,851.0
1983	13,061,210.0	14,730,168.0	-1,668,958.0
1984	12,931,640.0	14,425,802.0	-1,494,162.0
1985	14,103,450.0	15,117,340.0	-1,013,890.0
1986	11,721,470.0	15,722,036.0	-4,000,566.0
1987	11,606,930.0	16,722,821.0	-5,115,891.0
1988	10,599,500.0	16,287,628.0	-5,688,128.0
1989	10,952,850.0	17,083,688.0	-6,130,838.0
1990	14,635,439.0	17,650,554.0	-3,015,115.0
1991	14,251,500.0	16,768,117.0	-2,516,617.0
1992	16,929,342.0	17,229,154.0	-299,812.0
1993	18,125,263.0	20,134,371.0	-2,009,108.0
1994	18,235,826.0	18,910,061.0	-674,235.0
1995	18,352,856.0	19,652,546.0	-1,299,690.0
1996	18,025,952.0	21,007,054.0	-2,981,102.0
1997	17,656,258.0	21,052,039.0	-3,395,781.0
1998	18,454,710.0	23,442,312.0	-4,987,602.0
1999	18,314,345.0	23,795,378.0	-5,481,033.0
2000	18,760,838.0	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 6.3

México: Rendimiento de maíz por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	6,287,747	6,246,106.0	0.9934
1962	6,371,704	6,337,359.0	0.9946
1963	6,963,077	6,870,201.0	0.9867
1964	7,460,627	8,454,046.0	1.1332
1965	7,718,371	8,936,381.0	1.1578
1966	8,286,935	9,271,485.0	1.1188
1967	7,610,932	8,603,279.0	1.1304
1968	7,675,845	9,061,823.0	1.1806
1969	7,103,509	8,410,891.0	1.1840
1970	7,439,684	8,879,385.0	1.1935
1971	7,691,656	9,785,734.0	1.2723
1972	7,292,180	9,222,837.0	1.2648
1973	7,606,341	8,609,132.0	1.1318
1974	6,717,234	7,847,763.0	1.1683
1975	6,694,267	8,448,708.0	1.2621
1976	6,783,184	8,017,294.0	1.1819
1977	7,469,649	10,137,910.0	1.3572
1978	7,191,128	10,930,080.0	1.5199
1979	5,581,158	8,457,899.0	1.5154
1980	6,776,479	12,374,400.0	1.8261
1981	7,668,692	14,765,760.0	1.9255
1982	5,629,549	10,030,000.0	1.7817
1983	7,421,317	13,061,210.0	1.7600
1984	6,892,682	12,931,640.0	1.8761
1985	7,589,537	14,103,450.0	1.8583
1986	6,470,501	11,721,470.0	1.8115
1987	6,804,274	11,606,930.0	1.7058
1988	6,502,674	10,599,500.0	1.6300
1989	6,469,702	10,952,850.0	1.6929
1990	7,338,872	14,635,439.0	1.9942
1991	6,946,831	14,251,500.0	2.0515
1992	7,219,352	16,929,342.0	2.3450
1993	7,428,220	18,125,263.0	2.4401
1994	8,193,968	18,235,826.0	2.2255
1995	8,020,392	18,352,856.0	2.2883
1996	8,050,931	18,025,952.0	2.2390
1997	7,406,061	17,656,258.0	2.3840
1998	7,876,800	18,454,710.0	2.3429
1999	7,150,800	18,314,345.0	2.5612
2000	8,641,100	18,760,838.0	2.1711

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 6.4

México: Producción y consumo de maíz por habitante

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	172.4739	173.4106	-0.9366
1962	37,486,139	169.0587	171.6330	-2.5743
1963	38,800,538	177.0646	189.3139	-12.2493
1964	40,147,986	210.5721	204.6818	5.8903
1965	41,535,828	215.1487	183.0114	32.1374
1966	42,955,469	215.8395	175.1620	40.6774
1967	44,397,880	193.7768	172.4020	21.3748
1968	45,859,633	197.5991	180.3526	17.2465
1969	47,337,567	177.6790	171.7556	6.9234
1970	48,852,306	181.7598	197.3067	-15.5469
1971	50,393,091	194.1880	169.0235	6.1645
1972	51,948,772	177.5372	173.2233	4.3139
1973	53,517,788	160.8649	181.6848	-20.8199
1974	55,104,832	142.4152	165.5948	-23.1797
1975	56,687,703	149.0395	177.8013	-28.7618
1976	58,291,820	137.5372	170.2769	-32.7397
1977	59,900,617	169.2455	181.8251	-12.5796
1978	61,527,486	177.6455	184.4410	-6.7955
1979	63,161,213	133.9097	177.3956	-43.4859
1980	64,788,572	190.9966	218.4898	-27.4932
1981	66,425,164	222.2917	223.3368	-1.0452
1982	68,081,155	147.3242	196.8511	-49.5269
1983	69,744,148	187.2732	211.2029	-23.9297
1984	71,421,164	181.0617	201.9822	-20.9204
1985	73,112,440	192.9008	206.7684	-13.8675
1986	74,817,783	156.6669	210.1377	-53.4708
1987	76,536,428	151.6524	218.4949	-66.8426
1988	78,266,888	135.4276	208.1037	-72.6760
1989	80,019,134	136.8779	213.4950	-76.6172
1990	81,781,347	178.9582	215.8262	-36.8680
1991	83,554,530	170.5653	200.6847	-30.1195
1992	85,348,102	198.3564	201.8692	-3.5128
1993	87,117,464	208.0554	231.1175	-23.0621
1994	88,863,239	205.2123	212.7996	-7.5873
1995	90,678,718	202.6177	216.9665	-14.3487
1996	92,228,065	195.4497	227.7729	-32.3232
1997	93,813,963	188.2050	224.4020	-36.1970
1998	95,326,450	193.5949	245.9161	-52.3213
1999	96,714,391	189.3653	246.0376	-56.6724
2000	97,925,886	191.5820	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 6.5

México: Oferta y demanda total de maiz

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones	(c = a+b) (c = d+j-k)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias *
	(a)	(b)		(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	99.46	0.54	100.00	100.00	9.98	5.07	5.76	2.68	76.50	0.00	0.00
1962	98.45	1.55	100.00	99.95	10.10	5.41	5.76	2.61	76.12	0.05	0.00
1963	93.63	6.47	100.00	100.00	9.99	5.08	13.35	2.32	69.26	0.00	0.00
1964	99.46	0.54	100.00	96.68	10.33	4.70	19.56	2.40	63.01	3.32	0.00
1965	99.87	0.13	100.00	84.95	11.12	5.45	7.85	4.24	71.34	15.05	0.00
1966	99.95	0.05	100.00	81.11	12.33	5.06	5.50	3.48	73.62	9.18	9.70
1967	99.94	0.06	100.00	88.92	12.87	5.01	3.51	2.45	76.16	14.57	-3.49
1968	99.94	0.06	100.00	91.22	13.11	4.29	4.12	3.26	75.22	9.88	-1.10
1969	99.90	0.10	100.00	96.57	12.15	4.58	1.08	3.19	79.00	9.37	-5.94
1970	92.11	7.89	100.00	99.99	12.93	3.99	13.71	2.73	66.65	0.01	0.00
1971	99.82	0.18	100.00	97.17	12.15	3.63	11.46	3.33	69.23	2.83	0.00
1972	97.87	2.13	100.00	95.49	13.05	4.23	4.98	3.50	74.25	4.51	0.00
1973	88.27	11.73	100.00	99.69	13.97	3.45	8.60	3.26	70.73	0.31	0.00
1974	85.99	14.01	100.00	99.99	12.70	3.67	2.47	3.92	77.24	0.01	0.00
1975	76.22	23.78	100.00	90.92	14.05	3.36	5.93	3.83	72.62	0.06	9.02
1976	89.78	10.22	100.00	111.15	11.51	3.76	3.90	3.96	76.87	0.04	-11.20
1977	85.24	14.76	100.00	91.58	14.01	3.30	6.74	4.04	71.90	0.01	8.41
1978	88.60	11.50	100.00	91.89	13.90	3.10	7.54	4.10	71.36	0.01	8.10
1979	91.87	8.13	100.00	121.71	10.85	3.39	7.13	4.60	74.03	0.02	-21.73
1980	76.59	23.41	100.00	87.62	14.52	3.07	19.61	4.14	58.66	0.00	12.38
1981	82.79	17.21	100.00	83.17	18.38	2.89	16.61	4.61	57.51	0.01	16.82
1982	96.41	3.59	100.00	128.83	11.90	3.15	14.81	5.14	65.00	0.01	-28.84
1983	73.67	26.43	100.00	82.98	19.21	2.69	12.03	4.30	61.77	0.12	16.90
1984	83.80	16.20	100.00	93.49	20.80	2.90	6.94	4.74	64.63	0.03	6.48
1985	89.08	10.92	100.00	95.49	19.84	2.67	8.19	4.60	64.69	0.09	4.42
1986	87.30	12.70	100.00	117.09	19.08	2.64	8.52	4.33	65.43	0.04	-17.13
1987	76.20	23.80	100.00	109.79	20.93	2.40	10.05	4.19	62.43	0.06	-9.85
1988	76.23	23.77	100.00	117.14	15.35	2.32	10.35	4.51	67.46	0.12	-17.26
1989	74.91	25.09	100.00	116.84	17.58	2.32	10.31	4.97	64.82	0.25	-17.10
1990	78.45	21.55	100.00	94.61	20.33	2.19	11.41	5.04	61.02	0.25	5.14
1991	91.24	8.76	100.00	107.36	14.31	2.39	11.37	5.77	66.16	0.02	-7.38
1992	92.84	7.16	100.00	94.49	16.02	2.39	12.10	6.08	63.41	0.11	5.40
1993	98.96	1.04	100.00	109.93	27.32	2.28	10.02	5.31	55.06	0.27	-10.20
1994	88.96	11.04	100.00	92.25	22.93	2.40	11.45	5.36	57.86	0.32	7.43
1995	87.34	12.66	100.00	93.52	21.88	2.20	10.78	5.45	59.70	0.46	6.02
1996	75.52	24.48	100.00	88.01	25.66	2.17	10.07	5.11	56.99	0.34	11.66
1997	87.59	12.41	100.00	104.44	25.89	2.02	10.02	5.15	56.92	0.67	-5.11
1998	77.96	22.04	100.00	99.02	nd	nd	nd	nd	nd	0.98	0.00
1999	76.91	23.09	100.00	99.93	nd	nd	nd	nd	nd	0.07	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 6.6

México: Superficie cosechada y producción por modalidad de maíz

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	6	94	100	13	87	100
1971	6	94	100	11	89	100
1972	6	94	100	11	89	100
1973	8	92	100	15	85	100
1974	10	90	100	18	82	100
1975	10	90	100	18	82	100
1976	11	89	100	22	78	100
1977	13	87	100	24	76	100
1978	13	87	100	24	76	100
1979	15	85	100	28	72	100
1980	16	84	100	25	75	100
1981	13	87	100	21	79	100
1982	18	82	100	29	71	100
1983	13	87	100	21	79	100
1984	13	87	100	22	78	100
1985	13	87	100	23	77	100
1986	15	85	100	26	74	100
1987	13	87	100	23	77	100
1988	14	86	100	27	73	100
1989	14	86	100	25	75	100
1990	13	87	100	23	77	100
1991	17	83	100	30	70	100
1992	18	82	100	32	68	100
1993	22	78	100	43	57	100
1994	22	78	100	47	53	100
1995	18	82	100	34	66	100
1996	15	85	100	32	68	100
1997	18	82	100	39	61	100
1998	15	85	100	33	67	100
1999	14	86	100	28	72	100
2000	13	87	100	29	71	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 6.7

México: Superficie cosechada y producción por modalidad de maíz

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	457,981	6,981,703	7,439,684	1,198,052	7,681,333	8,879,385
1971	428,981	7,262,675	7,691,656	1,041,972	8,743,762	9,785,734
1972	439,011	6,853,169	7,292,180	977,983	8,244,854	9,222,837
1973	583,026	7,023,315	7,606,341	1,303,020	7,306,112	8,609,132
1974	645,022	6,072,212	6,717,234	1,399,958	6,447,805	7,847,763
1975	678,027	6,016,240	6,694,267	1,561,946	6,886,762	8,448,708
1976	725,020	6,058,164	6,783,184	1,743,064	6,274,230	8,017,294
1977	978,954	6,490,695	7,469,649	2,428,978	7,708,932	10,137,910
1978	947,017	6,244,111	7,191,128	2,621,019	8,309,061	10,930,080
1979	856,024	4,725,134	5,581,158	2,395,971	6,061,928	8,457,899
1980	1,117,141	5,659,338	6,776,479	3,041,759	9,332,641	12,374,400
1981	980,593	6,688,099	7,668,692	3,166,294	11,599,466	14,765,760
1982	1,009,058	4,620,491	5,629,549	2,900,298	7,129,702	10,030,000
1983	951,421	6,469,896	7,421,317	2,698,821	10,362,389	13,061,210
1984	883,060	6,009,622	6,892,682	2,829,652	10,101,988	12,931,640
1985	978,190	6,611,347	7,589,537	3,285,767	10,817,683	14,103,450
1986	973,765	5,496,736	6,470,501	3,042,339	8,679,131	11,721,470
1987	913,794	5,890,480	6,804,274	2,708,339	8,898,591	11,606,930
1988	918,438	5,584,236	6,502,674	2,817,316	7,782,184	10,599,500
1989	931,439	5,538,263	6,469,702	2,723,774	8,229,076	10,952,850
1990	930,857	6,408,015	7,338,872	3,308,531	11,326,909	14,635,440
1991	1,154,508	5,792,323	6,946,831	4,272,790	9,978,710	14,251,500
1992	1,311,056	5,908,296	7,219,352	5,400,869	11,528,473	16,929,342
1993	1,664,089	5,764,131	7,428,220	7,703,674	10,421,626	18,125,263
1994	1,842,858	6,351,110	8,193,968	8,575,389	9,660,437	18,235,826
1995	1,427,635	6,592,757	8,020,392	6,282,634	12,070,222	18,352,856
1996	1,208,664	6,842,267	8,050,931	5,709,593	12,316,359	18,025,952
1997	1,358,532	6,047,529	7,406,061	6,922,452	10,733,806	17,656,258
1998	1,174,104	6,702,696	7,876,800	6,104,276	12,350,434	18,454,710
1999	1,002,126	6,148,703	7,150,800	5,057,179	13,257,166	18,314,345
2000	1,090,015	7,571,363	8,641,100	5,493,528	13,267,310	18,760,838

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 6.8

México: Rendimientos, producción entre superficie cosechada de maíz

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	1,193.52	2,615.95	1,100.21
1971	1,272.25	2,428.95	1,203.93
1972	1,264.76	2,227.70	1,203.07
1973	1,131.84	2,234.93	1,040.27
1974	1,168.30	2,170.40	1,061.85
1975	1,262.08	2,303.66	1,144.70
1976	1,181.94	2,404.16	1,035.67
1977	1,357.21	2,481.20	1,187.69
1978	1,519.94	2,767.66	1,330.70
1979	1,515.44	2,798.95	1,282.91
1980	1,826.08	2,722.81	1,649.07
1981	1,925.46	3,228.96	1,734.34
1982	1,781.67	2,874.26	1,543.06
1983	1,759.96	2,836.62	1,601.63
1984	1,876.14	3,204.37	1,680.97
1985	1,858.28	3,359.03	1,636.23
1986	1,811.52	3,124.31	1,578.96
1987	1,705.83	2,963.84	1,510.67
1988	1,630.02	3,067.51	1,393.60
1989	1,692.95	2,924.26	1,485.86
1990	1,994.24	3,554.29	1,767.62
1991	2,051.51	3,700.96	1,722.75
1992	2,344.99	4,119.48	1,951.23
1993	2,440.05	4,629.36	1,808.01
1994	2,225.52	4,653.31	1,521.06
1995	2,288.27	4,400.73	1,830.83
1996	2,238.99	4,723.89	1,800.04
1997	2,384.03	5,095.54	1,774.91
1998	2,342.92	5,199.09	1,842.61
1999	2,561.16	5,046.45	2,156.09
2000	2,171.12	5,039.86	1,752.30

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 7.1

México: Oferta y demanda total de la semilla de algodón

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Semillas	Transformación	Otros usos	Exportaciones	Cambio en las existencias [1]*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	766,507	1,871	768,378	568,294	27,546	527,000	13,748	84	200,000
1962	824,812	1,598	826,410	776,351	29,630	634,000	112,721	59	50,000
1963	907,652	1,388	909,040	868,946	28,304	730,000	110,642	94	40,000
1964	932,192	1,074	933,266	983,181	28,466	931,000	23,715	85	-50,000
1965	952,880	1,022	953,902	943,866	24,338	893,000	26,528	36	10,000
1966	857,686	707	858,393	993,252	23,171	922,000	48,081	141	-135,000
1967	810,983	1,379	812,362	905,780	24,687	836,100	44,993	1,582	-95,000
1968	966,011	774	966,785	798,557	17,963	730,950	49,644	228	168,000
1969	636,815	6,477	643,292	873,098	14,391	809,100	49,607	194	-230,000
1970	547,543	32,429	579,972	587,900	16,023	533,800	38,077	72	-8,000
1971	623,500	28,703	652,203	502,109	18,320	433,100	50,689	94	150,000
1972	669,784	239	670,023	640,023	14,880	564,200	60,943	0	30,000
1973	595,477	308	595,785	595,781	20,241	515,000	60,540	4	0
1974	826,373	35,338	861,711	661,711	7,937	555,900	97,874	0	200,000
1975	320,335	2,676	323,011	672,913	8,224	604,000	60,689	98	-350,000
1976	348,928	108,084	457,012	496,790	14,687	386,560	95,543	222	-40,000
1977	658,733	40,250	698,983	553,983	12,242	391,600	150,141	0	145,000
1978	575,807	44,662	620,469	590,469	13,121	387,000	190,348	0	30,000
1979	553,045	2,148	555,193	505,193	12,437	314,840	177,916	0	50,000
1980	572,323	142,218	714,541	514,541	12,424	291,680	210,437	0	200,000
1981	530,159	13,286	543,445	453,440	7,017	283,850	162,573	5	90,000
1982	288,996	4,208	293,204	553,204	8,129	432,823	112,252	0	-260,000
1983	355,231	32,878	388,109	408,109	11,075	295,525	101,509	0	-20,000
1984	454,000	52,677	506,677	446,674	6,911	382,000	57,763	3	60,000
1985	317,383	64,707	382,090	442,090	5,503	379,000	57,587	0	-60,000
1986	225,522	13,771	239,293	339,293	7,764	295,700	35,829	0	-100,000
1987	413,746	20,308	434,054	304,054	10,432	262,700	30,922	0	130,000
1988	490,612	43,844	534,456	484,456	6,226	444,300	33,930	0	50,000
1989	254,609	37,619	292,228	452,228	7,692	425,400	19,136	0	-160,000
1990	293,334	47,600	340,934	308,016	8,704	279,200	20,112	385	32,533
1991	307,269	94,002	401,271	365,413	1,617	349,900	13,896	2,749	33,109
1992	50,384	232,824	283,208	350,411	1,392	314,400	34,619	235	-67,438
1993	41,824	145,168	186,992	262,509	5,911	168,000	88,598	319	-75,836
1994	187,053	170,455	357,508	352,579	9,612	176,000	166,967	729	4,200
1995	343,874	84,647	428,521	391,102	10,744	288,000	92,358	2,347	35,072
1996	420,892	12,479	433,371	492,171	6,912	385,000	100,259	3,617	-62,417
1997	347,690	17,932	365,622	451,297	7,000	373,300	70,997	910	-86,585
1998	387,968	120,767	508,735	503,256	nd	nd	nd	5,479	0
1999	233,180	153,580	386,760	384,743	nd	nd	nd	2,017	0
2000	214,888	nd	214,888	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 7.2

México: Balance interno del semilla de algodón

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	766,507	568,294	198,213
1962	824,812	776,351	48,461
1963	907,652	868,946	38,706
1964	932,192	983,181	-50,989
1965	952,880	943,866	9,014
1966	857,686	993,252	-135,566
1967	810,983	905,780	-94,797
1968	966,011	798,557	167,454
1969	636,815	873,098	-236,283
1970	547,543	587,900	-40,357
1971	623,500	502,109	121,391
1972	669,784	640,023	29,761
1973	595,477	595,781	-304
1974	826,373	661,711	164,662
1975	320,335	672,913	-352,578
1976	348,928	496,790	-147,862
1977	658,733	553,983	104,750
1978	575,807	590,469	-14,662
1979	553,045	505,193	47,852
1980	572,323	514,541	57,782
1981	530,159	453,440	76,719
1982	288,996	553,204	-264,208
1983	355,231	408,109	-52,878
1984	454,000	446,674	7,326
1985	317,383	442,090	-124,707
1986	225,522	339,293	-113,771
1987	413,746	304,054	109,692
1988	490,612	484,456	6,156
1989	254,609	452,228	-197,619
1990	293,334	308,016	-14,682
1991	307,269	365,413	-58,144
1992	50,384	350,411	-300,027
1993	41,824	262,509	-220,685
1994	187,053	352,579	-165,526
1995	343,874	391,102	-47,228
1996	420,892	492,171	-71,279
1997	347,690	451,297	-103,607
1998	387,968	503,256	-115,288
1999	233,180	384,743	-151,563
2000	214,888	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 7.3

México: Rendimiento del semilla de algodón por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	793,964	766,507	0.9654
1962	787,025	824,812	1.0480
1963	846,580	907,652	1.0721
1964	808,690	932,192	1.1527
1965	813,318	952,880	1.1716
1966	695,379	857,686	1.2334
1967	662,018	810,983	1.2250
1968	705,335	966,011	1.3696
1969	513,224	636,815	1.2408
1970	411,172	547,543	1.3317
1971	457,799	623,500	1.3620
1972	523,426	669,784	1.2796
1973	425,134	595,477	1.4007
1974	578,322	826,373	1.4289
1975	226,783	320,335	1.4125
1976	234,981	348,928	1.4849
1977	419,630	658,733	1.5698
1978	349,767	575,807	1.6463
1979	374,878	553,045	1.4753
1980	355,330	572,323	1.6107
1981	349,210	530,159	1.5182
1982	170,277	288,996	1.6972
1983	212,744	355,231	1.6698
1984	289,108	454,000	1.5703
1985	197,461	317,383	1.6073
1986	164,502	225,522	1.3709
1987	224,256	413,746	1.8450
1988	298,059	490,612	1.6460
1989	177,895	254,609	1.4312
1990	219,772	293,334	1.3347
1991	248,677	307,269	1.2356
1992	46,195	50,384	1.0907
1993	39,765	41,824	1.0518
1994	168,879	187,053	1.1076
1995	274,617	343,874	1.2522
1996	306,984	420,892	1.3711
1997	207,065	347,690	1.6791
1998	245,300	387,968	1.5816
1999	144,900	233,180	1.6092
2000	139,700	214,888	1.5382

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 7.4

México: Producción y consumo de semilla de algodón por habitante

(Kilogramos)

Año	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,764	21.1856	15.6923	5.4733
1962	37,486,139	22.0031	20.7103	1.2928
1963	38,800,538	23.3928	22.3952	0.9976
1964	40,147,986	23.2189	24.4889	-1.2700
1965	41,535,828	22.9412	22.7241	
1966	42,955,469	19.9669	23.1228	-3.1560
1967	44,397,880	18.2663	20.4014	-2.1352
1968	45,859,633	21.0645	17.4131	3.6514
1969	47,337,657	13.4526	18.4441	-4.9914
1970	48,852,306	11.2081	12.0342	-0.8261
1971	50,393,091	12.3727	9.9638	2.4089
1972	51,946,772	12.8932	12.3203	0.5729
1973	53,517,768	11.1267	11.1324	-0.0057
1974	55,104,832	14.9964	12.0082	2.9882
1975	56,687,703	5.6509	11.8705	-6.2197
1976	58,291,820	5.9859	8.5225	-2.5366
1977	59,900,617	10.9971	9.2484	1.7487
1978	61,527,486	9.3595	9.5968	-0.2383
1979	63,161,213	8.7561	7.9986	0.7576
1980	64,789,572	8.8337	7.9418	0.8919
1981	66,425,164	7.9813	6.8263	1.1550
1982	68,081,155	4.2449	8.1257	-3.8808
1983	69,744,148	5.0933	5.8516	-0.7582
1984	71,421,164	6.3567	6.2541	0.1026
1985	73,112,440	4.3410	6.0467	-1.7057
1986	74,817,763	3.0143	4.5349	-1.5206
1987	76,536,428	5.4059	3.9727	1.4332
1988	78,266,888	6.2684	6.1896	0.0787
1989	80,019,134	3.1819	5.6515	-2.4696
1990	81,781,347	3.5868	3.7663	-0.1795
1991	83,554,630	3.6775	4.3733	-0.6959
1992	85,348,102	0.5903	4.1057	-3.5153
1993	87,117,464	0.4801	3.0133	-2.5332
1994	88,863,239	2.1050	3.9677	-1.8627
1995	90,578,718	3.7964	4.3178	-0.5214
1996	92,228,065	4.5636	5.3366	-0.7729
1997	93,813,963	3.7062	4.8106	-1.1044
1998	95,326,450	4.0699	5.2793	-1.2094
1999	96,714,391	2.4110	3.9781	-1.5671
2000	97,925,896	2.1944	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos Consumos aparentes de productos agrícolas, SARH, 1983 y Banco de datos FAOSTAT, 1999, Noviembre del 2000.

CUADRO 7.5

México: Oferta y demanda total de la semilla de algodón

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+h-i)	Consumo aparente total (d = e+f+g)	Semillas (e)	Transformación (f)	Otros usos (g)	Exportaciones (h)	Cambio en las existencias 1* (i)
1961	99.76	0.24	100.00	73.96	4.85	92.73	2.42	0.01	26.03
1962	99.81	0.19	100.00	93.94	3.82	81.66	14.52	0.01	6.05
1963	99.85	0.15	100.00	95.59	3.26	84.01	12.73	0.01	4.40
1964	99.88	0.12	100.00	105.35	2.90	94.69	2.41	0.01	-5.36
1965	99.89	0.11	100.00	98.95	2.58	94.61	2.81	0.00	1.05
1966	99.92	0.08	100.00	115.71	2.33	92.83	4.84	0.02	-15.73
1967	99.83	0.17	100.00	111.50	2.73	92.31	4.97	0.19	-11.69
1968	99.92	0.08	100.00	82.60	2.25	91.53	6.22	0.02	17.38
1969	98.99	1.01	100.00	135.72	1.65	92.67	5.68	0.03	-35.75
1970	94.41	5.59	100.00	101.37	2.73	90.80	6.48	0.01	-1.38
1971	95.60	4.40	100.00	76.99	3.65	86.26	10.10	0.01	23.00
1972	99.96	0.04	100.00	95.52	2.32	88.15	9.52	0.00	4.48
1973	99.95	0.05	100.00	100.00	3.40	86.44	10.16	0.00	0.00
1974	95.90	4.10	100.00	76.79	1.20	84.01	14.79	0.00	23.21
1975	99.17	0.83	100.00	208.33	1.22	89.76	9.02	0.03	-108.36
1976	76.35	23.65	100.00	108.70	2.96	77.81	19.23	0.05	-8.75
1977	94.24	5.76	100.00	79.26	2.21	70.69	27.10	0.00	20.74
1978	92.80	7.20	100.00	95.16	2.22	65.54	32.24	0.00	4.84
1979	99.61	0.39	100.00	90.99	2.46	62.32	35.22	0.00	9.01
1980	80.10	19.90	100.00	72.01	2.41	56.69	40.90	0.00	27.99
1981	97.56	2.44	100.00	83.44	1.55	62.60	35.85	0.00	16.56
1982	98.56	1.44	100.00	188.68	1.47	78.24	20.29	0.00	-88.68
1983	91.53	8.47	100.00	105.15	2.71	72.41	24.87	0.00	-5.15
1984	89.60	10.40	100.00	88.16	1.55	85.52	12.93	0.00	11.84
1985	83.06	16.94	100.00	115.70	1.24	85.73	13.03	0.00	-15.70
1986	94.25	5.75	100.00	141.79	2.29	87.15	10.56	0.00	-41.79
1987	95.32	4.68	100.00	70.05	3.43	86.40	10.17	0.00	29.95
1988	91.80	8.20	100.00	90.64	1.29	91.71	7.00	0.00	9.36
1989	87.13	12.87	100.00	154.75	1.70	94.07	4.23	0.00	-54.75
1990	86.04	13.96	100.00	90.34	2.83	90.64	6.53	0.11	9.54
1991	76.57	23.43	100.00	91.06	0.44	95.75	3.80	0.69	8.25
1992	17.79	82.21	100.00	123.73	0.40	89.72	9.88	0.08	-23.81
1993	22.37	77.63	100.00	140.38	2.25	64.00	33.75	0.17	-40.56
1994	52.32	47.68	100.00	98.62	2.73	49.92	47.36	0.20	1.17
1995	80.25	19.75	100.00	91.27	2.75	73.64	23.61	0.55	8.18
1996	97.12	2.88	100.00	113.57	1.40	78.22	20.37	0.83	-14.40
1997	95.10	4.90	100.00	123.43	1.55	82.72	15.73	0.25	-23.68
1998	76.26	23.74	100.00	98.92	nd	nd	nd	1.08	0.00
1999	60.29	39.71	100.00	99.48	nd	nd	nd	0.52	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 7.6

México: Superficie cosechada y producción por modalidad de semilla de

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	81	19	100	83	17	100
1971	81	19	100	36	64	100
1972	77	23	100	81	19	100
1973	73	27	100	83	17	100
1974	80	20	100	84	16	100
1975	83	17	100	89	11	100
1976	79	21	100	88	12	100
1977	86	14	100	92	8	100
1978	87	13	100	91	9	100
1979	90	10	100	93	7	100
1980	91	9	100	93	7	100
1981	93	7	100	96	4	100
1982	86	14	100	92	8	100
1983	91	9	100	96	4	100
1984	92	8	100	94	6	100
1985	96	4	100	98	2	100
1986	94	6	100	92	8	100
1987	93	7	100	81	19	100
1988	92	8	100	58	42	100
1989	98	2	100	98	2	100
1990	88	12	100	92	8	100
1991	82	18	100	90	10	100
1992	82	18	100	84	16	100
1993	37	63	100	50	50	100
1994	52	48	100	68	32	100
1995	71	29	100	86	14	100
1996	90	10	100	92	8	100
1997	89	11	100	95	5	100
1998	89	11	100	94	6	100
1999	88	12	100	95	5	100
2000	80	20	100	89	11	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 7.7

México: Superficie cosechada y producción por modalidad de semilla de algodón

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	333,139	78,033	411,172	455,620	91,923	547,543
1971	370,837	86,962	457,799	224,799	398,701	623,500
1972	405,330	118,096	523,426	543,825	125,959	669,784
1973	311,098	114,036	425,134	494,396	101,081	595,477
1974	462,257	116,065	578,322	693,313	133,060	826,373
1975	187,820	38,963	226,783	285,298	35,037	320,335
1976	184,985	49,996	234,981	305,937	42,991	348,928
1977	361,681	57,949	419,630	602,756	55,977	658,733
1978	304,797	44,970	349,767	525,824	49,983	575,807
1979	335,891	38,987	374,878	513,042	40,003	553,045
1980	323,058	32,272	355,330	530,299	42,024	572,323
1981	324,328	24,882	349,210	510,330	19,829	530,159
1982	147,179	23,098	170,277	265,367	23,629	288,996
1983	194,249	18,495	212,744	341,480	13,751	355,231
1984	265,344	23,764	289,108	429,000	25,000	454,000
1985	190,521	6,940	197,461	311,376	6,007	317,383
1986	153,856	10,646	164,502	206,562	18,960	225,522
1987	208,243	16,013	224,256	335,794	77,952	413,746
1988	274,165	23,894	298,059	282,776	207,836	490,612
1989	173,505	4,390	177,895	249,875	4,734	254,609
1990	193,892	25,880	219,772	269,193	24,141	293,334
1991	204,027	44,650	248,677	276,154	31,115	307,269
1992	37,973	8,222	46,195	42,103	8,281	50,384
1993	14,636	25,129	39,765	21,074	20,750	41,824
1994	88,646	80,233	168,879	128,029	59,024	187,053
1995	195,412	79,205	274,617	294,127	49,747	343,874
1996	276,562	30,422	306,984	388,907	31,985	420,892
1997	184,982	22,083	207,065	330,216	17,474	347,690
1998	218,379	26,921	245,300	363,910	24,058	387,968
1999	126,819	18,087	144,900	220,773	12,407	233,180
2000	111,407	28,292	139,700	190,744	24,144	214,888

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 7.8

México: Rendimientos, producción entre superficie cosechada de semilla de algodón

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	1,331.66	1,367.66	1,178.01
1971	1,361.95	606.19	4,584.78
1972	1,279.62	1,341.68	1,066.58
1973	1,400.68	1,589.20	886.40
1974	1,428.92	1,499.84	1,146.43
1975	1,412.52	1,519.00	899.24
1976	1,484.92	1,653.85	859.89
1977	1,569.79	1,666.54	965.98
1978	1,646.26	1,725.16	1,111.48
1979	1,475.27	1,527.41	1,026.06
1980	1,610.68	1,641.50	1,302.17
1981	1,518.17	1,573.50	796.91
1982	1,697.21	1,803.03	1,022.97
1983	1,669.76	1,757.95	743.49
1984	1,570.35	1,616.77	1,052.02
1985	1,607.32	1,634.34	865.60
1986	1,370.94	1,342.57	1,780.93
1987	1,844.97	1,612.51	4,868.05
1988	1,646.02	1,031.41	8,698.24
1989	1,431.23	1,440.16	1,078.44
1990	1,334.72	1,388.37	932.81
1991	1,235.61	1,353.52	696.86
1992	1,090.68	1,108.75	1,007.22
1993	1,051.78	1,439.87	825.74
1994	1,107.62	1,444.27	735.66
1995	1,252.19	1,505.16	628.08
1996	1,371.06	1,406.22	1,051.39
1997	1,679.13	1,785.13	791.27
1998	1,581.61	1,666.41	893.67
1999	1,609.25	1,740.85	685.96
2000	1,538.21	1,712.14	853.39

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 8.1

México: Oferta y demanda total de la semilla de ajonjolí

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Semillas	Transformación	Alimentación	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	146,820	0	146,820	133,820	2,383	131,000	437	0	13,000
1962	157,849	3	157,852	149,486	2,507	146,827	152	1,866	6,500
1963	169,268	0	169,268	161,542	2,613	155,986	2,943	22,726	-15,000
1964	171,697	0	171,697	168,020	2,672	164,544	804	1,677	2,000
1965	154,401	0	154,401	173,023	2,521	170,020	482	378	-19,000
1966	166,669	1	166,670	157,716	2,708	154,023	985	2,954	6,000
1967	155,323	52	155,375	150,370	2,590	147,000	780	22,005	-17,000
1968	159,060	523	159,583	164,867	2,641	162,000	226	2,216	-7,500
1969	174,965	93	175,058	167,138	2,738	121,900	42,500	2,920	5,000
1970	179,444	828	180,272	158,639	2,812	110,700	45,127	3,633	18,000
1971	180,294	0	180,294	154,498	2,765	106,500	45,233	5,796	20,000
1972	160,572	28	160,600	117,296	2,552	72,500	42,244	23,304	20,000
1973	178,169	11	178,180	111,085	2,403	61,900	46,782	17,095	50,000
1974	159,865	39	159,904	93,030	2,187	53,300	37,543	6,874	60,000
1975	110,725	1	110,726	98,741	1,980	62,450	34,311	11,985	0
1976	84,777	0	84,777	94,492	2,047	60,400	32,045	20,285	-30,000
1977	121,318	0	121,318	103,796	2,438	75,400	25,958	12,522	5,000
1978	133,921	0	133,921	89,873	3,580	65,000	21,293	29,048	15,000
1979	173,890	0	173,890	92,713	2,910	71,900	17,903	106,177	-25,000
1980	175,562	0	175,562	61,673	1,600	39,030	21,043	48,889	65,000
1981	85,666	0	85,666	101,530	1,320	83,600	16,610	49,136	-65,000
1982	32,075	0	32,075	58,777	1,830	39,068	17,879	28,298	-55,000
1983	86,769	0	86,769	25,180	1,560	7,793	15,827	16,589	45,000
1984	63,000	0	63,000	70,608	1,610	22,000	46,998	62,392	-70,000
1985	74,607	0	74,607	30,425	1,170	17,000	12,255	35,182	9,000
1986	58,567	0	58,567	23,698	1,300	12,900	9,498	56,869	-22,000
1987	51,216	0	51,216	14,835	1,030	13,400	405	33,381	3,000
1988	33,584	302	33,886	10,306	910	8,100	1,296	35,580	-12,000
1989	45,983	2,777	48,760	11,448	1,315	3,500	6,633	32,312	5,000
1990	59,864	1,711	61,575	21,936	902	12,600	8,434	23,679	15,960
1991	37,000	4,729	41,729	15,108	550	11,000	3,558	42,288	-15,667
1992	22,776	4,107	26,883	13,676	366	9,200	4,110	26,728	-13,521
1993	22,638	7,796	30,434	13,054	252	8,000	4,802	19,105	-1,725
1994	8,862	3,529	12,391	14,359	426	7,000	6,933	17,313	-19,281
1995	21,081	3,316	24,397	19,379	822	9,800	8,757	8,801	-3,783
1996	47,397	5,264	52,661	16,941	548	9,200	7,193	10,200	25,520
1997	21,466	4,298	25,764	16,710	520	9,609	6,581	23,241	-14,187
1998	31,652	11,341	42,993	23,709	nd	nd	nd	19,284	0
1999	31,519	6,301	37,820	23,080	nd	nd	nd	14,740	0
2000	39,417	nd	39,417	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 8.2

México: Balance interno de la semilla de ajonjolí

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	146,820	133,820	13,000
1962	157,849	149,486	8,363
1963	169,268	161,542	7,726
1964	171,697	168,020	3,677
1965	154,401	173,023	-18,622
1966	166,669	157,716	8,953
1967	155,323	150,370	4,953
1968	159,060	164,867	-5,807
1969	174,965	167,138	7,827
1970	179,444	158,639	20,805
1971	180,294	154,498	25,796
1972	160,572	117,296	43,276
1973	178,169	111,085	67,084
1974	159,865	93,030	66,835
1975	110,725	98,741	11,984
1976	84,777	94,492	-9,715
1977	121,318	103,796	17,522
1978	133,921	89,873	44,048
1979	173,890	92,713	81,177
1980	175,562	61,673	113,889
1981	85,666	101,530	-15,864
1982	32,075	58,777	-26,702
1983	86,769	25,180	61,589
1984	63,000	70,608	-7,608
1985	74,607	30,425	44,182
1986	58,567	23,698	34,869
1987	51,216	14,835	36,381
1988	33,584	10,306	23,278
1989	45,983	11,448	34,535
1990	59,864	21,936	37,928
1991	37,000	15,108	21,892
1992	22,776	13,676	9,100
1993	22,638	13,054	9,584
1994	8,862	14,359	-5,497
1995	21,081	19,379	1,702
1996	47,397	16,941	30,456
1997	21,466	16,710	4,756
1998	31,652	23,709	7,943
1999	31,519	23,080	8,439
2000	39,417	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 8.3

México: Rendimiento de la semilla de ajonjolí por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	216,670	146,820	0.6776
1962	238,270	157,849	0.6625
1963	250,677	169,268	0.6752
1964	261,276	171,697	0.6571
1965	267,234	154,401	0.5778
1966	252,109	166,669	0.6611
1967	270,764	155,323	0.5736
1968	258,991	159,060	0.6142
1969	264,070	174,965	0.6626
1970	273,768	179,444	0.6555
1971	281,172	180,294	0.6412
1972	276,495	160,572	0.5807
1973	255,166	178,169	0.6982
1974	240,257	159,865	0.6654
1975	218,660	110,725	0.5064
1976	197,959	84,777	0.4283
1977	204,701	121,318	0.5927
1978	243,760	133,921	0.5494
1979	307,175	173,890	0.5661
1980	263,999	175,562	0.6650
1981	143,483	85,666	0.5970
1982	91,043	32,075	0.3523
1983	165,529	86,769	0.5242
1984	132,760	63,000	0.4745
1985	142,031	74,607	0.5253
1986	111,891	58,567	0.5234
1987	96,959	51,216	0.5282
1988	81,734	33,584	0.4109
1989	79,032	45,983	0.5818
1990	110,432	59,864	0.5421
1991	72,104	37,000	0.5131
1992	42,981	22,776	0.5299
1993	35,471	22,638	0.6382
1994	18,897	8,862	0.4690
1995	36,682	21,081	0.5747
1996	80,322	47,397	0.5901
1997	43,028	21,466	0.4989
1998	57,800	31,652	0.5476
1999	54,200	31,519	0.5815
2000	66,500	39,417	0.5927

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO B.4

México: Producción y consumo de la semilla de ajonjolí por habitante

(Kilogramos)

	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	4.0541	3.6952	0.3590
1962	37,486,139	4.2109	3.9878	0.2231
1963	38,900,538	4.3625	4.1634	0.1991
1964	40,147,986	4.2766	4.1850	0.0916
1965	41,535,828	3.7173	4.1656	-0.4483
1966	42,955,469	3.8800	3.6716	0.2084
1967	44,397,880	3.4984	3.3869	0.1116
1968	45,859,633	3.4684	3.5950	-0.1266
1969	47,337,657	3.6961	3.5308	0.1653
1970	48,852,308	3.6732	3.2473	0.4259
1971	50,393,091	3.5778	3.0659	0.5119
1972	51,948,772	3.0910	2.2579	0.8331
1973	53,517,788	3.3292	2.0757	1.2535
1974	55,104,832	2.9011	1.6882	1.2129
1975	56,687,703	1.9532	1.7418	0.2114
1976	58,291,820	1.4544	1.6210	-0.1667
1977	59,900,617	2.0253	1.7328	0.2925
1978	61,527,486	2.1766	1.4607	0.7159
1979	63,161,213	2.7531	1.4679	1.2852
1980	64,789,572	2.7098	0.9519	1.7579
1981	66,425,164	1.2897	1.5285	-0.2388
1982	68,081,155	0.4711	0.8633	-0.3922
1983	69,744,148	1.2441	0.3610	0.8831
1984	71,421,164	0.8821	0.9886	-0.1065
1985	73,112,440	1.0204	0.4161	0.6043
1986	74,817,763	0.7828	0.3167	0.4661
1987	76,536,428	0.6692	0.1938	0.4753
1988	78,266,888	0.4291	0.1317	0.2974
1989	80,019,134	0.5747	0.1431	0.4316
1990	81,781,347	0.7320	0.2682	0.4638
1991	83,554,630	0.4428	0.1808	0.2620
1992	85,348,102	0.2669	0.1602	0.1066
1993	87,117,464	0.2599	0.1498	0.1100
1994	88,863,239	0.0997	0.1616	-0.0619
1995	90,578,718	0.2327	0.2139	0.0188
1996	92,228,065	0.5139	0.1837	0.3302
1997	93,813,963	0.2288	0.1781	0.0507
1998	95,326,450	0.3320	0.2487	0.0833
1999	96,714,391	0.3259	0.2386	0.0873
2000	97,925,896	0.4025	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos Consumos aparentes de productos agrícolas, SARH, 1983 y Banco de datos FAOSTAT, 1999, Noviembre del 2000.

CUADRO 8.5

México: Oferta y demanda total de la semilla de ajonjolí

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Semillas	Transformación	Alimentación	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	100.00	0.00	100.00	91.15	1.78	97.89	0.33	0.00	8.85
1962	100.00	0.00	100.00	94.70	1.68	98.22	0.10	1.18	4.12
1963	100.00	0.00	100.00	95.44	1.62	96.56	1.82	13.43	-8.86
1964	100.00	0.00	100.00	97.86	1.59	97.93	0.48	0.98	1.16
1965	100.00	0.00	100.00	112.06	1.46	98.26	0.28	0.24	-12.31
1966	100.00	0.00	100.00	94.63	1.72	97.66	0.62	1.77	3.60
1967	99.97	0.03	100.00	96.78	1.72	97.76	0.52	14.16	-10.94
1968	99.67	0.33	100.00	103.31	1.60	98.26	0.14	1.39	-4.70
1969	99.95	0.05	100.00	95.48	1.64	72.93	25.43	1.67	2.86
1970	99.54	0.46	100.00	88.00	1.77	69.78	28.45	2.02	9.98
1971	100.00	0.00	100.00	85.69	1.79	68.93	29.28	3.21	11.09
1972	99.98	0.02	100.00	73.04	2.18	61.81	36.01	14.51	12.45
1973	99.99	0.01	100.00	62.34	2.16	56.72	42.11	9.59	28.06
1974	99.98	0.02	100.00	58.18	2.35	57.29	40.36	4.30	37.52
1975	100.00	0.00	100.00	89.18	2.01	63.25	34.75	10.82	0.00
1976	100.00	0.00	100.00	111.46	2.17	63.92	33.91	23.93	-35.39
1977	100.00	0.00	100.00	85.56	2.35	72.64	25.01	10.32	4.12
1978	100.00	0.00	100.00	67.11	3.98	72.32	23.69	21.69	11.20
1979	100.00	0.00	100.00	53.32	3.14	77.55	19.31	61.06	-14.38
1980	100.00	0.00	100.00	35.13	2.59	63.29	34.12	27.85	37.02
1981	100.00	0.00	100.00	118.52	1.30	82.34	16.36	57.36	-75.88
1982	100.00	0.00	100.00	183.25	3.11	66.47	30.42	88.22	-171.47
1983	100.00	0.00	100.00	29.02	6.20	30.95	62.86	19.12	51.86
1984	100.00	0.00	100.00	112.08	2.28	31.16	66.56	99.03	-111.11
1985	100.00	0.00	100.00	40.78	3.85	55.88	40.28	47.16	12.06
1986	100.00	0.00	100.00	40.46	5.49	54.43	40.08	97.10	-37.56
1987	100.00	0.00	100.00	28.97	6.94	90.33	2.73	65.18	5.86
1988	99.11	0.89	100.00	30.41	8.83	78.59	12.58	105.00	-35.41
1989	94.30	5.70	100.00	23.48	11.49	30.57	57.94	66.27	10.25
1990	97.22	2.78	100.00	35.62	4.11	57.44	38.45	38.46	25.92
1991	88.67	11.33	100.00	36.21	3.64	72.81	23.55	101.34	-37.54
1992	84.72	15.28	100.00	50.87	2.68	67.27	30.05	99.42	-50.30
1993	74.38	25.62	100.00	42.89	1.93	61.28	36.79	62.78	-5.67
1994	71.52	28.48	100.00	115.88	2.97	48.75	48.28	139.72	-155.60
1995	86.41	13.59	100.00	79.43	4.24	50.57	45.19	36.07	-15.51
1996	90.00	10.00	100.00	32.17	3.23	54.31	42.46	19.37	48.46
1997	83.32	16.68	100.00	64.86	3.11	57.50	39.38	90.21	-55.07
1998	73.62	26.38	100.00	55.15	nd	nd	nd	44.85	0.00
1999	83.34	16.66	100.00	61.03	nd	nd	nd	38.97	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 8.6

México: Superficie cosechada y producción por modalidad de

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	19	81	100	21	79	100
1971	12	88	100	13	87	100
1972	11	89	100	14	86	100
1973	10	90	100	12	88	100
1974	12	88	100	18	83	100
1975	16	84	100	27	73	100
1976	11	89	100	21	79	100
1977	10	90	100	14	86	100
1978	21	79	100	23	77	100
1979	41	59	100	57	43	100
1980	25	75	100	38	62	100
1981	10	90	100	17	83	100
1982	18	82	100	37	63	100
1983	43	57	100	61	39	100
1984	25	75	100	40	60	100
1985	31	69	100	57	43	100
1986	38	62	100	56	44	100
1987	50	50	100	65	35	100
1988	27	73	100	44	56	100
1989	24	76	100	28	72	100
1990	40	60	100	50	50	100
1991	42	58	100	50	50	100
1992	22	78	100	27	73	100
1993	18	82	100	19	81	100
1994	10	90	100	10	90	100
1995	1	99	100	1	99	100
1996	1	99	100	2	98	100
1997	3	97	100	5	95	100
1998	4	96	100	5	95	100
1999	3	97	100	5	95	100
2000	2	98	100	3	97	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 8.7

México: Superficie cosechada y producción por modalidad de ajonjolí

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	52,955	220,813	273,768	37,092	142,352	179,444
1971	35,021	246,151	281,172	24,039	156,255	180,294
1972	29,052	247,443	276,495	21,942	138,630	160,572
1973	26,017	229,149	255,166	22,021	156,148	178,169
1974	29,031	211,226	240,257	27,976	131,889	159,865
1975	35,944	182,716	218,660	29,926	80,799	110,725
1976	21,995	175,964	197,959	17,953	66,824	84,777
1977	19,971	184,730	204,701	17,045	104,273	121,318
1978	51,949	191,811	243,760	30,982	102,939	133,921
1979	126,899	180,276	307,175	98,900	74,990	173,890
1980	65,979	198,020	263,999	67,187	108,375	175,562
1981	14,822	128,661	143,483	14,721	70,945	85,666
1982	16,234	74,809	91,043	11,906	20,169	32,075
1983	71,352	94,177	165,529	52,570	34,199	86,769
1984	32,633	100,127	132,760	25,026	37,974	63,000
1985	44,308	97,723	142,031	42,470	32,137	74,607
1986	42,038	69,853	111,891	32,936	25,631	58,567
1987	48,011	48,948	96,959	33,381	17,835	51,216
1988	21,669	60,065	81,734	14,831	18,753	33,584
1989	19,316	59,716	79,032	13,006	32,977	45,983
1990	44,163	66,269	110,432	29,840	30,024	59,864
1991	30,437	41,667	72,104	18,358	18,642	37,000
1992	9,353	33,628	42,981	6,241	16,535	22,776
1993	6,553	28,918	35,471	4,190	18,448	22,638
1994	1,966	16,931	18,897	888	7,974	8,862
1995	269	36,413	36,682	244	20,837	21,081
1996	1,140	79,182	80,322	776	46,621	47,397
1997	1,372	41,656	43,028	1,179	20,287	21,466
1998	2,405	55,395	57,800	1,693	29,959	31,652
1999	1,822	52,420	54,200	1,602	29,917	31,519
2000	1,371	65,104	66,500	1,377	38,040	39,417

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 8.8

México: Rendimientos, producción entre superficie cosechada de ajonjolí

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	655.46	700.44	644.67
1971	641.22	686.41	634.79
1972	580.74	755.25	560.25
1973	698.25	846.41	681.43
1974	665.39	963.67	624.40
1975	506.38	832.56	442.21
1976	428.26	816.20	379.76
1977	592.66	853.48	564.46
1978	549.40	596.39	536.67
1979	566.09	779.36	415.97
1980	665.01	1,018.31	547.29
1981	597.05	993.21	551.41
1982	352.31	733.40	269.61
1983	524.19	736.77	363.14
1984	474.54	766.90	379.26
1985	525.29	958.52	328.86
1986	523.43	783.49	366.92
1987	528.22	695.28	364.36
1988	410.89	684.46	312.20
1989	581.83	673.33	552.23
1990	542.09	675.68	453.06
1991	513.15	603.15	447.40
1992	529.91	667.27	491.70
1993	638.21	639.40	637.94
1994	468.96	451.68	470.97
1995	574.70	907.06	572.24
1996	590.09	680.70	588.78
1997	498.88	859.33	487.01
1998	547.61	704.11	540.82
1999	581.53	879.25	570.72
2000	592.74	1,004.38	584.30

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 9.1

México: Oferta y demanda total de sorgo

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Piensos	Semillas	Desperdicios	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	290,641	31,318	321,959	321,938	313,734	1,765	6,439	21	0
1962	295,920	58,652	354,572	354,556	344,502	2,963	7,091	16	0
1963	402,183	137,888	540,071	539,923	524,975	4,147	10,801	148	0
1964	525,554	21,337	546,891	546,453	530,799	4,716	10,938	438	0
1965	746,994	33,858	780,852	780,852	756,597	8,638	15,617	0	0
1966	1,410,971	22,940	1,433,911	1,394,946	1,356,168	10,100	28,678	38,965	0
1967	1,666,619	4,521	1,671,140	1,257,759	1,211,890	12,446	33,423	413,381	0
1968	2,132,619	60,608	2,193,227	2,027,160	1,970,047	13,248	43,865	166,067	0
1969	2,455,928	11,718	2,467,646	2,424,380	2,360,463	14,564	49,353	43,266	0
1970	2,747,210	25,890	2,773,100	2,729,333	2,659,834	14,037	55,462	43,767	0
1971	2,515,958	17,108	2,533,066	2,475,346	2,408,050	16,635	50,661	57,720	0
1972	2,611,523	246,313	2,857,836	2,857,681	2,782,755	17,769	57,157	155	0
1973	3,269,836	13,602	3,283,438	3,282,820	3,199,815	17,336	65,669	618	0
1974	3,182,582	426,717	3,609,299	3,609,299	3,515,437	21,676	72,186	0	0
1975	4,125,818	835,089	4,960,907	4,960,183	4,842,198	18,767	99,218	724	0
1976	4,026,864	44,102	4,070,966	4,070,626	3,968,006	21,201	81,419	340	0
1977	4,324,968	714,526	5,039,494	5,039,491	4,917,712	20,989	100,790	3	0
1978	4,192,997	753,090	4,946,087	4,944,825	4,824,063	21,840	98,922	1,262	0
1979	3,988,423	1,276,747	5,265,170	5,264,775	5,134,407	25,065	105,303	395	0
1980	4,689,445	2,255,028	6,944,473	6,942,427	6,775,533	28,005	138,889	2,046	0
1981	6,295,667	2,788,819	9,084,486	9,082,218	8,873,003	27,525	181,690	2,268	0
1982	4,716,868	2,543,005	7,259,873	7,251,877	7,076,845	29,835	145,197	7,996	0
1983	4,846,337	3,308,302	8,154,639	8,154,629	7,963,051	28,485	163,093	10	0
1984	4,974,035	2,746,552	7,720,587	7,720,539	7,535,227	30,900	154,412	48	0
1985	6,596,708	2,254,750	8,851,458	8,850,508	8,644,769	28,710	177,029	950	0
1986	5,895,000	766,800	6,661,800	6,660,975	6,496,899	30,840	133,236	825	0
1987	6,298,011	751,936	7,049,947	7,048,871	6,878,757	29,115	140,999	1,076	0
1988	5,894,949	1,147,295	7,042,244	7,041,560	6,873,565	27,150	140,845	684	0
1989	5,002,072	2,674,188	7,676,260	7,675,260	7,492,999	28,736	153,525	1,000	0
1990	5,978,162	2,851,385	8,829,547	8,835,389	8,635,953	22,640	176,796	1,527	-7,369
1991	4,307,792	2,873,903	7,181,695	7,467,351	7,295,320	21,867	150,164	40,883	-326,539
1992	5,353,223	4,745,647	10,098,870	8,579,904	8,363,692	14,614	201,598	20	1,518,946
1993	2,581,072	3,760,839	6,341,911	7,826,262	7,648,217	21,520	156,525	124	-1,484,475
1994	3,701,120	3,487,157	7,188,277	7,175,837	7,008,554	23,766	143,517	40	12,400
1995	4,169,898	2,109,696	6,279,594	6,262,287	6,101,867	35,172	125,248	414	16,893
1996	6,809,490	2,010,071	8,819,561	8,792,007	8,584,309	31,848	175,850	1,154	26,400
1997	5,711,564	2,213,063	7,924,627	7,900,023	7,708,288	32,642	158,002	1,055	23,549
1998	6,474,842	3,109,912	9,584,754	9,584,638	nd	nd	nd	116	0
1999	6,043,254	4,566,257	10,609,511	10,608,817	nd	nd	nd	694	0
2000	6,403,552	nd	6,403,552	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 9.2

México: Balance interno de sorgo

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	290,641	321,938	-31,297
1962	295,920	354,556	-58,636
1963	402,183	539,923	-137,740
1964	525,554	546,453	-20,899
1965	746,994	780,852	-33,858
1966	1,410,971	1,394,946	16,025
1967	1,666,619	1,257,759	408,860
1968	2,132,619	2,027,160	105,459
1969	2,455,928	2,424,380	31,548
1970	2,747,210	2,729,333	17,877
1971	2,515,958	2,475,346	40,612
1972	2,611,523	2,857,681	-246,158
1973	3,269,836	3,282,820	-12,984
1974	3,182,582	3,609,299	-426,717
1975	4,125,818	4,960,183	-834,365
1976	4,026,864	4,070,626	-43,762
1977	4,324,968	5,039,491	-714,523
1978	4,192,997	4,944,825	-751,828
1979	3,988,423	5,264,775	-1,276,352
1980	4,689,445	6,942,427	-2,252,982
1981	6,295,667	9,082,218	-2,786,551
1982	4,716,868	7,251,877	-2,535,009
1983	4,846,337	8,154,629	-3,308,292
1984	4,974,035	7,720,539	-2,746,504
1985	6,596,708	8,850,508	-2,253,800
1986	5,895,000	6,660,975	-765,975
1987	6,298,011	7,048,871	-750,860
1988	5,894,949	7,041,560	-1,146,611
1989	5,002,072	7,675,260	-2,673,188
1990	5,978,162	8,835,389	-2,857,227
1991	4,307,792	7,467,351	-3,159,559
1992	5,353,223	8,579,904	-3,226,681
1993	2,581,072	7,826,262	-5,245,190
1994	3,701,120	7,175,837	-3,474,717
1995	4,169,898	6,262,287	-2,092,389
1996	6,809,490	8,792,007	-1,982,517
1997	5,711,564	7,900,023	-2,188,459
1998	6,474,842	9,584,638	-3,109,796
1999	6,043,254	10,608,817	-4,565,563
2000	6,403,552	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 9.3

México: Rendimiento de sorgo por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	116,693	290,641	2.4906
1962	117,637	295,920	2.5155
1963	197,566	402,183	2.0357
1964	276,494	525,554	1.9008
1965	314,373	746,994	2.3761
1966	575,860	1,410,971	2.4502
1967	673,345	1,666,619	2.4751
1968	829,719	2,132,619	2.5703
1969	883,214	2,455,928	2.7807
1970	970,930	2,747,210	2.8295
1971	935,785	2,515,958	2.6886
1972	1,108,972	2,611,523	2.3549
1973	1,184,596	3,269,836	2.7603
1974	1,155,746	3,182,582	2.7537
1975	1,445,100	4,125,818	2.8550
1976	1,251,130	4,026,864	3.2186
1977	1,413,386	4,324,968	3.0600
1978	1,399,296	4,192,997	2.9965
1979	1,163,567	3,988,423	3.4278
1980	1,543,092	4,689,445	3.0390
1981	1,684,434	6,295,667	3.7376
1982	1,284,705	4,716,868	3.6716
1983	1,528,063	4,846,337	3.1716
1984	1,635,858	4,974,035	3.0406
1985	1,862,140	6,596,708	3.5425
1986	1,535,071	5,895,000	3.8402
1987	1,855,091	6,298,011	3.3950
1988	1,799,700	5,894,949	3.2755
1989	1,620,828	5,002,072	3.0861
1990	1,817,741	5,978,162	3.2888
1991	1,380,912	4,307,792	3.1195
1992	1,375,805	5,353,223	3.8910
1993	877,663	2,581,072	2.9408
1994	1,251,830	3,701,120	2.9566
1995	1,372,350	4,169,898	3.0385
1996	2,184,720	6,809,490	3.1169
1997	1,877,356	5,711,564	3.0423
1998	1,953,100	6,474,842	3.3152
1999	1,913,400	6,043,254	3.1584
2000	2,148,200	6,403,552	2.9809

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 9.4

México: Producción y consumo de sorgo por habitante

(Kilogramos)

Año	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,794	8.0255	8.8897	-0.8642
1962	37,486,139	7.8941	9.4583	-1.5642
1963	38,800,538	10.3654	13.9153	-3.5500
1964	40,147,986	13.0904	13.6110	-0.5205
1965	41,535,828	17.9843	18.7995	-0.8152
1966	42,955,469	32.8473	32.4742	0.3731
1967	44,397,880	37.5383	28.3293	9.2090
1968	45,859,633	46.5032	44.2036	2.2996
1969	47,337,557	51.8812	51.2147	0.6664
1970	48,852,306	56.2350	55.8691	0.3659
1971	50,393,091	49.9266	49.1207	0.8059
1972	51,948,772	50.2711	55.0096	-4.7385
1973	53,517,788	61.0981	61.3407	-0.2426
1974	55,104,832	57.7550	65.4988	-7.7437
1975	56,687,703	72.7815	87.5002	-14.7186
1976	58,291,820	69.0811	69.8319	-0.7507
1977	59,900,617	72.2024	84.1309	-11.9285
1978	61,527,486	68.1484	80.3677	-12.2194
1979	63,161,213	63.1467	83.3546	-20.2079
1980	64,788,572	72.3807	107.1551	-34.7744
1981	66,425,164	94.7783	136.7286	-41.9502
1982	68,081,155	69.2830	106.5181	-37.2351
1983	69,744,148	69.4874	116.9221	-47.4347
1984	71,421,164	69.6437	108.0988	-38.4550
1985	73,112,440	90.2269	121.0534	-30.8265
1986	74,817,783	78.7914	89.0293	-10.2379
1987	76,536,428	82.2878	92.0982	-9.8105
1988	78,266,888	75.3186	89.9686	-14.6500
1989	80,019,134	62.5109	96.9178	-33.4069
1990	81,781,347	73.0993	108.0367	-34.9374
1991	83,554,530	51.5567	89.3710	-37.8143
1992	85,348,102	62.7222	100.5284	-37.8061
1993	87,117,464	29.6275	89.8357	-60.2082
1994	88,863,239	41.6496	80.7515	-39.1018
1995	90,578,718	46.0362	69.1364	-23.1002
1996	92,228,085	73.8332	95.3290	-21.4958
1997	93,813,963	60.8818	84.2095	-23.3276
1998	95,326,450	67.9228	100.5454	-32.6226
1999	96,714,391	62.4856	109.6922	-47.2067
2000	97,925,896	65.3918	nd.	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos Consumos aparentes de productos agrícolas, SARH, 1983 y Banco de datos FAOSTAT, 1999, Noviembre del 2000.

CUADRO 9.5

México: Oferta y demanda total de sorgo

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Piensos	Semillas	Desperdicios	Exportaciones	Cambio en las existencias */
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	90.27	9.73	100.00	99.99	97.45	0.55	2.00	0.01	0.00
1962	83.46	16.54	100.00	100.00	97.16	0.84	2.00	0.00	0.00
1963	74.47	25.53	100.00	99.97	97.23	0.77	2.00	0.03	0.00
1964	96.10	3.90	100.00	99.92	97.14	0.86	2.00	0.08	0.00
1965	95.66	4.34	100.00	100.00	96.89	1.11	2.00	0.00	0.00
1966	98.40	1.60	100.00	97.28	97.22	0.72	2.06	2.72	0.00
1967	99.73	0.27	100.00	75.26	96.35	0.99	2.66	24.74	0.00
1968	97.24	2.76	100.00	92.43	97.18	0.65	2.16	7.57	0.00
1969	99.53	0.47	100.00	98.25	97.36	0.60	2.04	1.75	0.00
1970	99.07	0.93	100.00	98.42	97.45	0.51	2.03	1.58	0.00
1971	99.32	0.68	100.00	97.72	97.28	0.67	2.05	2.28	0.00
1972	91.38	8.62	100.00	99.99	97.38	0.62	2.00	0.01	0.00
1973	99.59	0.41	100.00	99.98	97.47	0.53	2.00	0.02	0.00
1974	88.18	11.82	100.00	100.00	97.40	0.60	2.00	0.00	0.00
1975	83.17	16.83	100.00	99.99	97.62	0.38	2.00	0.01	0.00
1976	98.92	1.08	100.00	99.99	97.48	0.52	2.00	0.01	0.00
1977	85.82	14.18	100.00	100.00	97.58	0.42	2.00	0.00	0.00
1978	84.77	15.23	100.00	99.97	97.56	0.44	2.00	0.03	0.00
1979	75.75	24.25	100.00	99.99	97.52	0.48	2.00	0.01	0.00
1980	67.53	32.47	100.00	99.97	97.60	0.40	2.00	0.03	0.00
1981	69.30	30.70	100.00	99.98	97.70	0.30	2.00	0.02	0.00
1982	64.97	35.03	100.00	99.89	97.59	0.41	2.00	0.11	0.00
1983	59.43	40.57	100.00	100.00	97.65	0.35	2.00	0.00	0.00
1984	64.43	35.57	100.00	100.00	97.60	0.40	2.00	0.00	0.00
1985	74.53	25.47	100.00	99.99	97.68	0.32	2.00	0.01	0.00
1986	88.49	11.51	100.00	99.99	97.54	0.46	2.00	0.01	0.00
1987	89.33	10.67	100.00	99.98	97.59	0.41	2.00	0.02	0.00
1988	83.71	16.29	100.00	99.99	97.61	0.39	2.00	0.01	0.00
1989	65.16	34.84	100.00	99.99	97.63	0.37	2.00	0.01	0.00
1990	67.71	32.29	100.00	100.07	97.74	0.26	2.00	0.02	-0.08
1991	59.98	40.02	100.00	103.98	97.70	0.29	2.01	0.57	-4.55
1992	53.01	46.99	100.00	84.96	97.48	0.17	2.35	0.00	15.04
1993	40.70	59.30	100.00	123.41	97.73	0.27	2.00	0.00	-23.41
1994	51.49	48.51	100.00	99.83	97.67	0.33	2.00	0.00	0.17
1995	66.40	33.60	100.00	99.72	97.44	0.56	2.00	0.01	0.27
1996	77.21	22.79	100.00	99.69	97.64	0.36	2.00	0.01	0.30
1997	72.07	27.93	100.00	99.69	97.67	0.41	2.00	0.01	0.30
1998	67.55	32.45	100.00	100.00	nd	nd	nd	0.00	0.00
1999	56.96	43.04	100.00	99.99	nd	nd	nd	0.01	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO; Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 9.6

México: Superficie cosechada y producción por modalidad de

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	35	65	100	46	54	100
1971	34	66	100	50	50	100
1972	34	66	100	42	58	100
1973	38	62	100	50	50	100
1974	35	65	100	42	58	100
1975	36	64	100	43	57	100
1976	45	55	100	49	51	100
1977	32	68	100	42	58	100
1978	41	59	100	44	56	100
1979	47	53	100	59	41	100
1980	31	69	100	45	55	100
1981	35	65	100	43	57	100
1982	40	60	100	51	49	100
1983	37	63	100	46	54	100
1984	32	68	100	46	54	100
1985	32	68	100	39	61	100
1986	36	64	100	50	50	100
1987	34	66	100	47	53	100
1988	29	71	100	42	58	100
1989	33	67	100	50	50	100
1990	32	68	100	48	52	100
1991	30	70	100	45	55	100
1992	34	66	100	45	55	100
1993	24	76	100	41	59	100
1994	22	78	100	40	60	100
1995	23	77	100	41	59	100
1996	23	77	100	39	61	100
1997	24	76	100	42	58	100
1998	22	78	100	39	61	100
1999	19	81	100	37	63	100
2000	17	83	100	31	69	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 9.7

México: Superficie cosechada y producción por modalidad de sorgo

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	335,976	634,954	970,930	1,262,096	1,485,114	2,747,210
1971	320,584	615,201	935,785	1,253,599	1,262,359	2,515,958
1972	374,991	733,981	1,108,972	1,085,802	1,525,721	2,611,523
1973	453,845	730,751	1,184,596	1,638,918	1,630,918	3,269,836
1974	408,910	746,836	1,155,746	1,327,061	1,855,521	3,182,582
1975	514,036	931,064	1,445,100	1,771,922	2,353,896	4,125,818
1976	569,059	682,071	1,251,130	1,969,933	2,056,931	4,026,864
1977	452,123	961,263	1,413,386	1,814,987	2,509,981	4,324,968
1978	580,123	819,173	1,399,296	1,825,326	2,367,671	4,192,997
1979	547,796	615,771	1,163,567	2,354,250	1,634,173	3,988,423
1980	478,856	1,064,236	1,543,092	2,101,036	2,588,409	4,689,445
1981	589,962	1,094,472	1,684,434	2,704,624	3,591,043	6,295,667
1982	516,517	768,188	1,284,705	2,409,508	2,307,360	4,716,868
1983	561,586	966,477	1,528,063	2,220,818	2,625,519	4,846,337
1984	519,613	1,116,245	1,635,858	2,275,823	2,698,212	4,974,035
1985	587,977	1,274,163	1,862,140	2,602,703	3,994,005	6,596,708
1986	546,992	988,079	1,535,071	2,972,996	2,922,004	5,895,000
1987	635,191	1,219,900	1,855,091	2,980,432	3,317,579	6,298,011
1988	515,472	1,284,228	1,799,700	2,478,064	3,416,885	5,894,949
1989	528,172	1,092,656	1,620,828	2,481,974	2,520,098	5,002,072
1990	582,111	1,235,630	1,817,741	2,860,959	3,117,203	5,978,162
1991	409,141	971,771	1,380,912	1,937,183	2,370,609	4,307,792
1992	462,075	913,730	1,375,805	2,430,338	2,922,885	5,353,223
1993	211,071	666,592	877,663	1,051,607	1,529,465	2,581,072
1994	271,447	980,383	1,251,830	1,492,336	2,208,784	3,701,120
1995	319,896	1,052,454	1,372,350	1,705,392	2,464,506	4,169,898
1996	510,043	1,674,677	2,184,720	2,628,296	4,181,194	6,809,490
1997	452,227	1,425,129	1,877,356	2,399,935	3,311,629	5,711,564
1998	437,293	1,515,807	1,953,100	2,495,727	3,979,115	6,474,842
1999	363,204	1,550,236	1,913,400	2,205,943	3,837,311	6,043,254
2000	369,274	1,800,739	2,148,200	2,015,071	4,388,481	6,403,552

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 9.8

México: Rendimientos, producción entre superficie cosechada de sorgo

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	2,829.46	3,756.51	2,338.93
1971	2,688.61	3,910.36	2,051.94
1972	2,354.90	2,895.54	2,078.69
1973	2,760.30	3,611.18	2,231.84
1974	2,753.70	3,245.36	2,484.51
1975	2,855.04	3,447.08	2,528.18
1976	3,218.58	3,461.74	3,015.71
1977	3,060.00	4,014.36	2,611.13
1978	2,996.50	3,146.45	2,890.32
1979	3,427.76	4,297.67	2,653.87
1980	3,038.99	4,387.62	2,432.18
1981	3,737.56	4,584.40	3,281.07
1982	3,671.56	4,664.91	3,003.64
1983	3,171.56	3,954.55	2,716.59
1984	3,040.63	4,379.84	2,417.22
1985	3,542.54	4,426.54	3,134.61
1986	3,840.21	5,435.17	2,957.26
1987	3,394.99	4,692.18	2,719.55
1988	3,275.52	4,807.37	2,660.65
1989	3,086.12	4,699.18	2,306.40
1990	3,288.79	4,914.80	2,522.76
1991	3,119.53	4,734.76	2,439.47
1992	3,890.98	5,259.62	3,198.85
1993	2,940.85	4,982.24	2,294.45
1994	2,956.57	5,497.70	2,252.98
1995	3,038.51	5,331.08	2,341.68
1996	3,116.87	5,153.09	2,496.72
1997	3,042.34	5,306.93	2,323.74
1998	3,315.16	5,707.22	2,625.08
1999	3,158.39	6,073.56	2,475.31
2000	2,980.89	5,456.85	2,437.04

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 10.1

Mexico: Oferta y demanda total de soya

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones		Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)	(c = a+b) (c = d+j+k)	(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	19,737	442	20,179.0	20,179	13,035	1,093	605	5,440	6	0	0
1962	56,721	2,376	59,097.0	59,097	41,529	1,097	1,773	14,692	6	0	0
1963	56,258	907	57,165.0	57,165	40,922	1,225	1,715	13,296	7	0	0
1964	60,207	1,947	62,154.0	62,154	18,637	1,098	1,864	40,548	7	0	0
1965	57,875	2,877	60,752.0	60,752	33,660	2,170	1,822	23,093	7	0	0
1966	94,848	5,035	99,883.0	99,883	52,765	2,796	2,996	41,320	5	0	0
1967	131,023	5,347	136,370.0	136,370	65,948	5,319	4,091	61,003	9	0	0
1968	275,162	12,154	287,316.0	287,316	174,715	6,528	8,619	97,444	10	0	0
1969	286,710	15,585	302,295.0	302,295	168,111	4,470	9,069	120,638	9	0	0
1970	214,603	101,610	316,213.0	316,213	64,352	5,157	9,486	237,203	16	0	0
1971	255,878	68,274	324,152.0	324,152	90,224	8,866	9,724	215,325	13	0	0
1972	376,810	10,763	387,573.0	387,573	86,751	12,475	11,626	276,665	56	0	0
1973	585,474	42,511	627,985.0	627,985	122,075	12,004	18,838	475,000	68	0	0
1974	491,084	434,854	925,938.0	675,938	100,302	13,778	27,776	534,000	82	0	250,000
1975	598,694	22,464	621,158.0	671,158	83,716	6,896	20,122	560,000	425	0	-50,000
1976	302,492	347,983	650,475.0	750,475	35,311	12,571	22,512	680,000	81	0	-100,000
1977	516,275	525,179	1,041,454.0	791,454	31,457	8,660	31,241	720,000	96	0	250,000
1978	333,960	681,483	1,015,443.0	915,443	54,188	15,680	30,460	815,000	115	0	100,000
1979	707,142	577,809	1,284,951.0	1,084,951	40,002	6,400	38,549	1,000,000	0	0	200,000
1980	322,205	521,736	843,941.0	1,193,941	42,784	15,160	35,613	1,100,000	184	0	-350,000
1981	711,920	1,110,360	1,822,280.0	1,622,280	67,636	16,800	54,663	1,463,000	181	0	200,000
1982	672,364	687,751	1,360,115.0	1,860,083	67,475	16,640	55,798	1,720,000	170	32	-500,000
1983	686,456	989,049	1,675,505.0	1,675,505	158,175	17,040	50,264	1,450,000	26	0	0
1984	684,899	2,371,046	3,055,945.0	2,255,945	337,959	20,200	91,675	1,806,000	111	0	800,000
1985	928,616	1,493,944	2,422,560.0	2,372,560	252,537	16,200	72,672	2,031,000	151	0	50,000
1986	708,724	826,632	1,535,356.0	2,065,316	145,146	19,920	61,958	1,838,200	92	40	-530,000
1987	828,210	1,062,387	1,890,597.0	1,860,487	82,453	6,200	56,714	1,715,000	120	110	30,000
1988	226,305	1,097,960	1,324,265.0	1,584,245	52,810	20,312	47,525	1,463,500	98	20	-260,000
1989	992,391	1,110,657	2,103,048.0	1,753,040	66,883	11,869	63,086	1,611,000	203	8	350,000
1990	575,366	756,209	1,331,575.0	1,882,503	56,511	13,930	56,472	1,755,400	190	8	-550,936
1991	724,969	1,647,294	2,372,263.0	2,244,499	53,875	13,076	67,328	2,110,000	220	0	127,764
1992	593,540	2,253,951	2,847,491.0	2,624,880	143,528	9,656	80,839	2,390,000	467	3,909	218,692
1993	497,566	2,344,502	2,842,068.0	2,739,334	184,760	11,971	82,168	2,460,000	435	8,286	94,449
1994	522,583	2,634,939	3,157,522.0	2,869,534	197,412	6,033	90,574	2,575,000	515	127,033	160,956
1995	189,774	2,207,572	2,397,346.0	2,572,551	222,832	2,220	77,167	2,270,000	332	88,340	-263,545
1996	56,074	3,172,504	3,228,578.0	3,104,588	394,450	6,467	93,123	2,610,000	548	159,435	-35,444
1997	184,526	3,534,232	3,718,758.0	3,586,363	551,986	6,198	107,623	2,920,000	546	16,330	116,075
1998	160,296	3,465,513	3,635,809.0	3,635,449	nd	nd	nd	nd	nd	360	0
1999	132,819	4,067,280	4,200,099.0	4,199,302	nd	nd	nd	nd	nd	797	0
2000	114,479	nd	114,479	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 10.2

México: Balance interno de soya

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	19,737.0	20,179.0	-442.0
1962	56,721.0	59,097.0	-2,376.0
1963	56,258.0	57,165.0	-907.0
1964	60,207.0	62,154.0	-1,947.0
1965	57,875.0	60,752.0	-2,877.0
1966	94,848.0	99,883.0	-5,035.0
1967	131,023.0	136,370.0	-5,347.0
1968	275,162.0	287,316.0	-12,154.0
1969	286,710.0	302,295.0	-15,585.0
1970	214,603.0	316,213.0	-101,610.0
1971	255,878.0	324,152.0	-68,274.0
1972	376,810.0	387,573.0	-10,763.0
1973	585,474.0	627,985.0	-42,511.0
1974	491,084.0	675,938.0	-184,854.0
1975	598,694.0	671,158.0	-72,464.0
1976	302,492.0	750,475.0	-447,983.0
1977	516,275.0	791,454.0	-275,179.0
1978	333,960.0	915,443.0	-581,483.0
1979	707,142.0	1,084,951.0	-377,809.0
1980	322,205.0	1,193,941.0	-871,736.0
1981	711,920.0	1,622,280.0	-910,360.0
1982	672,364.0	1,860,083.0	-1,187,719.0
1983	686,456.0	1,675,505.0	-989,049.0
1984	684,899.0	2,255,945.0	-1,571,046.0
1985	928,616.0	2,372,560.0	-1,443,944.0
1986	708,724.0	2,065,316.0	-1,356,592.0
1987	828,210.0	1,860,487.0	-1,032,277.0
1988	226,305.0	1,584,245.0	-1,357,940.0
1989	992,391.0	1,753,040.0	-760,649.0
1990	575,366.0	1,882,503.0	-1,307,137.0
1991	724,969.0	2,244,499.0	-1,519,530.0
1992	593,540.0	2,624,890.0	-2,031,350.0
1993	497,566.0	2,739,334.0	-2,241,768.0
1994	522,583.0	2,869,534.0	-2,346,951.0
1995	189,774.0	2,572,551.0	-2,382,777.0
1996	56,074.0	3,104,588.0	-3,048,514.0
1997	184,526.0	3,586,353.0	-3,401,827.0
1998	150,296.0	3,635,449.0	-3,485,153.0
1999	132,819.0	4,199,302.0	-4,066,483.0
2000	114,479.0	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 10.3

México: Rendimiento de soya por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	9,943	19,737.0	1.9850
1962	27,326	56,721.0	2.0757
1963	27,426	56,258.0	2.0513
1964	30,629	60,207.0	1.9657
1965	27,446	57,875.0	2.1087
1966	54,243	94,848.0	1.7486
1967	69,881	131,023.0	1.8749
1968	132,982	275,162.0	2.0692
1969	163,186	286,710.0	1.7570
1970	111,754	214,603.0	1.9203
1971	128,918	255,878.0	1.9848
1972	221,639	376,810.0	1.7001
1973	311,895	585,474.0	1.8772
1974	300,118	491,084.0	1.6363
1975	344,450	598,694.0	1.7381
1976	172,379	302,492.0	1.7548
1977	314,276	516,275.0	1.6427
1978	216,514	333,960.0	1.5424
1979	379,467	707,142.0	1.8635
1980	154,037	322,205.0	2.0917
1981	361,778	711,920.0	1.9678
1982	375,297	672,364.0	1.7916
1983	391,133	686,456.0	1.7550
1984	388,696	684,899.0	1.7620
1985	476,084	928,616.0	1.9505
1986	380,553	708,724.0	1.8624
1987	470,695	828,210.0	1.7595
1988	139,186	226,305.0	1.6259
1989	490,125	992,391.0	2.0248
1990	285,615	575,366.0	2.0145
1991	341,679	724,969.0	2.1218
1992	322,793	593,540.0	1.8388
1993	237,765	497,566.0	2.0927
1994	288,499	522,583.0	1.8114
1995	134,396	189,774.0	1.4121
1996	49,064	56,074.0	1.1429
1997	122,548	184,526.0	1.5057
1998	94,100	150,296.0	1.5972
1999	81,200	132,819.0	1.6357
2000	70,300	114,479.0	1.6284

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 10.4

México: Producción y consumo de soya por habitante

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	0.5450	0.5572	-0.0122
1962	37,486,139	1.5131	1.5765	-0.0634
1963	38,800,538	1.4499	1.4733	-0.0234
1964	40,147,986	1.4996	1.5481	-0.0485
1965	41,535,828	1.3934	1.4626	-0.0693
1966	42,956,469	2.2081	2.3253	-0.1172
1967	44,397,880	2.9511	3.0715	-0.1204
1968	45,859,633	6.0001	6.2651	-0.2650
1969	47,337,567	6.0567	6.3859	-0.3292
1970	48,852,306	4.3929	6.4728	-2.0799
1971	50,393,091	5.0776	6.4325	-1.3548
1972	51,948,772	7.2535	7.4607	-0.2072
1973	53,517,788	10.9398	11.7341	-0.7943
1974	55,104,832	8.9118	12.2664	-3.3546
1975	56,687,703	10.5613	11.8396	-1.2783
1976	58,291,820	5.1893	12.8744	-7.6852
1977	59,900,617	8.6189	13.2128	-4.5939
1978	61,527,486	5.4278	14.8786	-9.4508
1979	63,161,213	11.1958	17.1775	-5.9817
1980	64,798,572	4.9732	18.4283	-13.4551
1981	66,426,164	10.7176	24.4227	-13.7050
1982	68,081,155	9.8759	27.3216	-17.4456
1983	69,744,148	9.8425	24.0236	-14.1811
1984	71,421,164	9.5896	31.5865	-21.9969
1985	73,112,440	12.7012	32.4508	-19.7496
1986	74,817,783	9.4727	27.6046	-18.1319
1987	76,536,428	10.8211	24.3085	-13.4874
1988	78,266,888	2.8915	20.2416	-17.3501
1989	80,019,134	12.4019	21.9078	-9.5058
1990	81,781,347	7.0354	23.0187	-15.9833
1991	83,554,530	8.6766	26.8627	-18.1861
1992	85,348,102	6.9543	30.7551	-23.8008
1993	87,117,464	5.7114	31.4441	-25.7327
1994	88,863,239	5.8808	32.2916	-26.4108
1995	90,578,718	2.0951	28.4013	-26.3061
1996	92,228,065	0.6080	33.6621	-33.0541
1997	93,813,963	1.9669	38.2283	-36.2614
1998	95,326,450	1.5766	38.1368	-36.5602
1999	96,714,391	1.3733	43.4196	-42.0463
2000	97,925,896	1.1690	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 10.5

México: Oferta y demanda total de soya

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción	Importaciones	(c = a+b) (c = d+j-k)	Consumo aparente total	Semillas	Desperdicios 1	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g+h+i)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1961	97.81	2.19	100.00	100.00	64.80	5.42	3.00	26.96	0.03	0.00	0.00
1962	95.98	4.02	100.00	100.00	70.27	1.86	3.00	24.86	0.01	0.00	0.00
1963	98.41	1.59	100.00	100.00	71.59	2.14	3.00	23.26	0.01	0.00	0.00
1964	96.87	3.13	100.00	100.00	29.99	1.77	3.00	65.24	0.01	0.00	0.00
1965	95.26	4.74	100.00	100.00	55.41	3.57	3.00	38.01	0.01	0.00	0.00
1966	94.96	5.04	100.00	100.00	52.83	2.80	3.00	41.37	0.01	0.00	0.00
1967	96.08	3.92	100.00	100.00	48.36	3.90	3.00	44.73	0.01	0.00	0.00
1968	95.77	4.23	100.00	100.00	60.81	2.27	3.00	33.92	0.00	0.00	0.00
1969	94.84	5.16	100.00	100.00	55.61	1.48	3.00	39.91	0.00	0.00	0.00
1970	67.87	32.13	100.00	100.00	20.35	1.63	3.00	75.01	0.00	0.00	0.00
1971	78.94	21.06	100.00	100.00	27.83	2.74	3.00	66.43	0.00	0.00	0.00
1972	97.22	2.78	100.00	100.00	22.38	3.22	3.00	71.38	0.01	0.00	0.00
1973	93.23	6.77	100.00	100.00	19.44	1.91	3.00	75.64	0.01	0.00	0.00
1974	53.04	46.96	100.00	73.00	14.84	2.04	4.11	79.00	0.01	0.00	27.00
1975	96.38	3.62	100.00	108.05	12.47	1.03	3.00	83.44	0.06	0.00	-8.05
1976	46.50	53.50	100.00	115.37	4.71	1.68	3.00	90.61	0.01	0.00	-15.37
1977	49.57	50.43	100.00	76.00	3.97	1.09	3.95	90.97	0.01	0.00	24.00
1978	32.89	67.11	100.00	90.15	5.92	1.71	3.33	89.03	0.01	0.00	9.85
1979	55.03	44.97	100.00	84.44	3.69	0.59	3.55	92.17	0.00	0.00	15.56
1980	38.18	61.82	100.00	141.47	3.58	1.27	3.00	92.13	0.02	0.00	-41.47
1981	39.07	60.93	100.00	89.02	4.17	1.04	3.37	91.41	0.01	0.00	10.98
1982	49.43	50.57	100.00	136.76	3.63	0.89	3.00	92.47	0.01	0.00	-36.76
1983	40.97	59.03	100.00	100.00	9.44	1.02	3.00	86.54	0.00	0.00	0.00
1984	22.41	77.59	100.00	73.82	14.98	0.90	4.06	80.06	0.00	0.00	26.18
1985	38.33	61.67	100.00	97.94	10.64	0.68	3.06	85.60	0.01	0.00	2.06
1986	46.16	53.84	100.00	134.52	7.03	0.96	3.00	89.00	0.00	0.00	-34.52
1987	43.81	56.19	100.00	98.41	4.43	0.33	3.05	92.18	0.01	0.01	1.59
1988	17.09	82.91	100.00	119.63	3.33	1.28	3.00	92.38	0.01	0.00	-19.63
1989	47.19	52.81	100.00	83.36	3.62	0.68	3.60	91.90	0.01	0.00	16.64
1990	43.21	56.79	100.00	141.37	3.00	0.74	3.00	93.25	0.01	0.00	-41.37
1991	30.56	69.44	100.00	94.61	2.40	0.58	3.00	94.01	0.01	0.00	5.39
1992	20.84	79.16	100.00	92.16	5.48	0.37	3.08	91.05	0.02	0.14	7.68
1993	17.51	82.49	100.00	96.39	6.74	0.44	3.00	89.80	0.02	0.29	3.32
1994	16.55	83.45	100.00	90.88	6.88	0.21	3.16	89.74	0.02	4.02	5.10
1995	7.92	92.08	100.00	107.31	8.66	0.09	3.00	88.24	0.01	3.68	-10.99
1996	1.74	98.26	100.00	96.16	12.71	0.21	3.00	84.07	0.02	4.94	-1.10
1997	4.96	95.04	100.00	96.44	15.39	0.17	3.00	81.42	0.02	0.44	3.12
1998	4.13	95.87	100.00	99.99	nd	nd	nd	nd	nd	0.01	0.00
1999	3.16	96.84	100.00	99.98	nd	nd	nd	nd	nd	0.02	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 10.6

México: Superficie cosechada y producción por modalidad de soya

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	100	nd	100	100	nd	100
1971	81	19	100	83	17	100
1972	81	19	100	92	8	100
1973	82	18	100	94	6	100
1974	100	nd	100	100	nd	100
1975	70	30	100	89	11	100
1976	59	41	100	75	25	100
1977	68	32	100	84	16	100
1978	65	35	100	81	19	100
1979	81	19	100	90	10	100
1980	89	11	100	93	7	100
1981	84	16	100	89	11	100
1982	94	6	100	96	4	100
1983	85	15	100	86	14	100
1984	80	20	100	84	16	100
1985	87	13	100	92	8	100
1986	79	21	100	85	15	100
1987	84	16	100	88	12	100
1988	41	59	100	49	51	100
1989	84	16	100	90	10	100
1990	80	20	100	83	17	100
1991	84	16	100	90	10	100
1992	83	17	100	90	10	100
1993	83	17	100	86	14	100
1994	80	20	100	78	22	100
1995	60	40	100	68	32	100
1996	17	83	100	18	82	100
1997	48	52	100	63	37	100
1998	59	41	100	60	40	100
1999	25	75	100	24	76	100
2000	10	90	100	12	88	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 10.7

México: Superficie cosechada y producción por modalidad de soya

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	111,754	nd	111,754	214,603	nd	214,603
1971	104,746	24,172	128,918	212,730	43,148	255,878
1972	179,707	41,932	221,639	346,825	29,985	376,810
1973	256,914	54,981	311,895	549,445	36,029	585,474
1974	300,118	nd	300,118	491,084	nd	491,084
1975	242,317	102,133	344,450	532,728	65,966	598,694
1976	101,223	71,156	172,379	225,367	77,125	302,492
1977	212,186	102,090	314,276	431,230	85,045	516,275
1978	141,682	74,832	216,514	269,968	63,992	333,960
1979	308,380	71,087	379,467	639,128	68,014	707,142
1980	137,033	17,004	154,037	298,912	23,293	322,205
1981	303,948	57,830	361,778	632,469	79,451	711,920
1982	352,185	23,112	375,297	642,990	29,374	672,364
1983	331,505	59,628	391,133	590,790	95,666	686,456
1984	310,924	77,772	388,696	575,983	108,916	684,899
1985	416,444	59,640	476,084	852,172	76,444	928,616
1986	300,415	80,138	380,553	601,511	107,213	708,724
1987	393,186	77,509	470,695	732,340	95,870	828,210
1988	56,827	82,359	139,186	111,570	114,735	226,305
1989	410,187	79,938	490,125	893,099	99,292	992,391
1990	227,863	57,752	285,615	478,487	96,879	575,366
1991	286,666	55,013	341,679	649,347	75,622	724,969
1992	268,253	54,540	322,793	532,368	61,172	593,540
1993	197,805	39,960	237,765	426,966	70,600	497,566
1994	231,128	57,371	288,499	406,587	115,996	522,583
1995	81,194	53,202	134,396	129,120	60,654	189,774
1996	8,444	40,620	49,064	10,112	45,962	56,074
1997	59,310	63,238	122,548	117,080	67,446	184,526
1998	55,232	38,868	94,100	89,556	60,740	150,296
1999	19,977	61,180	81,200	31,914	100,905	132,819
2000	7,363	62,982	70,300	13,373	101,106	114,479

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 10.8

México: Rendimientos, producción entre superficie cosechada de soya

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	1,920.32	1,920.32	nd
1971	1,984.81	2,030.91	1,785.03
1972	1,700.11	1,929.94	715.09
1973	1,877.15	2,138.64	655.30
1974	1,636.30	1,636.30	nd
1975	1,738.12	2,198.48	645.88
1976	1,754.81	2,226.45	1,083.89
1977	1,642.74	2,032.32	833.05
1978	1,542.44	1,905.45	855.15
1979	1,863.51	2,072.54	956.76
1980	2,091.74	2,181.31	1,369.85
1981	1,967.84	2,080.85	1,373.87
1982	1,791.55	1,825.72	1,270.94
1983	1,755.04	1,782.14	1,604.38
1984	1,762.04	1,852.49	1,400.45
1985	1,950.53	2,046.31	1,281.76
1986	1,862.35	2,002.27	1,337.86
1987	1,759.55	1,862.58	1,236.89
1988	1,625.92	1,963.33	1,393.11
1989	2,024.77	2,177.30	1,242.11
1990	2,014.48	2,099.89	1,677.50
1991	2,121.78	2,265.17	1,374.62
1992	1,838.76	1,984.57	1,121.60
1993	2,092.68	2,158.52	1,766.77
1994	1,811.39	1,759.14	2,021.86
1995	1,412.05	1,590.27	1,140.07
1996	1,142.87	1,197.54	1,131.51
1997	1,505.74	1,974.03	1,066.54
1998	1,597.19	1,621.45	1,562.73
1999	1,635.70	1,597.54	1,649.31
2000	1,628.44	1,816.24	1,605.32

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 11.1

México: Oferta y demanda total de trigo

(Toneladas)

AÑO	OFERTA Producción (a)	OFERTA Importaciones (b)	OFERTA = DEMANDA (c = a+b) (c = d+j-k)	DEMANDA Consumo aparente total (d = e+f+g+h+i)	Piensos (e)	Semillas (f)	Desperdicios (g)	Alimentación (h)	Otros usos (i)	Exportaciones (j)	Cambio en las existencias 1* (k)
1961	1,401,909	6,853	1,408,762.0	1,408,578	56,100	78,511	166,272	1,107,695	0	184	0
1962	1,455,256	24,187	1,479,443.0	1,398,147	58,200	86,017	102,498	1,151,432	0	1,296	80,000
1963	1,702,989	41,077	1,744,066.0	1,491,285	68,200	85,924	114,336	1,222,825	0	72,781	180,000
1964	2,203,066	56,638	2,259,704.0	1,633,551	88,500	90,117	134,444	1,320,490	0	576,153	50,000
1965	2,150,354	11,362	2,161,716.0	1,636,610	91,500	76,733	114,845	1,353,532	0	685,106	-160,000
1966	1,647,368	984	1,648,352.0	1,730,367	88,700	81,729	86,319	1,473,619	0	47,985	-130,000
1967	2,122,389	1,257	2,123,646.0	1,864,415	114,000	83,018	114,500	1,552,897	0	279,231	-20,000
1968	2,080,725	1,482	2,082,207.0	2,078,969	8,700	88,334	371,995	1,609,940	0	3,238	0
1969	2,326,055	711	2,326,766.0	2,073,529	140,000	93,048	188,182	1,652,299	0	253,237	0
1970	2,676,451	682	2,677,133.0	2,274,977	236,000	64,489	183,339	1,791,149	0	42,156	360,000
1971	1,830,845	177,628	2,008,473.0	2,282,288	219,000	72,100	121,826	1,869,362	0	86,185	-360,000
1972	1,809,018	641,094	2,450,112.0	2,433,060	233,000	67,248	123,015	2,009,797	0	17,052	0
1973	2,090,845	718,956	2,809,801.0	2,795,564	272,000	81,286	209,355	2,232,923	0	14,237	0
1974	2,788,677	976,562	3,765,239.0	3,342,710	380,000	81,715	543,873	2,337,122	0	22,529	400,000
1975	2,798,219	87,846	2,886,065.0	2,942,456	291,000	93,885	204,151	2,353,420	0	43,609	-100,000
1976	3,363,299	1,707	3,365,006.0	3,146,152	263,700	74,431	448,082	2,359,939	0	18,854	200,000
1977	2,455,774	476,390	2,932,164.0	3,003,411	296,000	79,750	204,341	2,423,320	0	28,753	-100,000
1978	2,784,660	506,498	3,291,158.0	3,217,880	314,000	67,515	233,504	2,602,861	0	23,278	50,000
1979	2,286,525	1,149,229	3,435,754.0	3,461,222	344,000	81,585	217,536	2,818,101	0	24,532	-50,000
1980	2,784,914	824,327	3,609,241.0	3,629,632	361,000	98,700	203,764	2,966,168	0	29,609	-50,000
1981	3,189,402	1,129,879	4,319,281.0	4,358,402	586,000	116,130	249,197	3,407,075	0	10,879	-50,000
1982	4,462,139	518,393	4,980,532.0	4,774,174	619,000	94,500	381,479	3,679,195	0	6,358	200,000
1983	3,460,242	422,650	3,882,892.0	4,378,975	420,000	113,295	252,815	3,592,865	0	3,917	-500,000
1984	4,505,546	345,150	4,850,696.0	4,841,355	780,000	133,770	336,715	3,590,870	0	9,341	0
1985	5,214,315	560,721	5,775,036.0	5,562,697	1,200,000	134,610	540,210	3,687,877	0	12,339	200,000
1986	4,769,731	224,426	4,994,157.0	5,177,169	1,300,000	109,305	534,521	3,233,343	0	16,988	-200,000
1987	4,415,391	434,935	4,850,326.0	4,804,934	1,000,000	101,325	525,221	3,178,388	0	45,392	0
1988	3,664,828	1,198,074	4,862,902.0	4,664,971	820,000	126,599	339,767	3,378,571	34	197,931	0
1989	4,374,739	444,041	4,818,780.0	4,553,282	665,000	100,688	308,704	3,478,802	88	265,498	0
1990	3,930,934	351,516	4,282,450.0	4,287,412	360,000	105,726	228,682	3,592,821	183	22,768	-27,730
1991	4,060,738	432,278	4,493,016.0	4,667,737	620,000	100,197	321,450	3,625,637	453	63,856	-238,577
1992	3,620,503	1,174,077	4,794,580.0	4,815,743	770,000	94,428	292,589	3,658,271	455	197	-21,360
1993	3,582,450	1,799,898	5,382,348.0	5,090,578	900,000	106,973	316,965	3,766,239	401	1,948	289,822
1994	4,150,922	1,465,066	5,615,988.0	5,220,348	800,000	101,700	193,790	4,124,478	380	97,680	297,960
1995	3,468,217	1,243,444	4,711,661.0	4,796,418	700,000	89,575	217,523	3,788,955	365	453,263	-538,020
1996	3,375,008	1,957,932	5,332,940.0	5,244,264	900,000	87,793	554,891	3,700,975	605	113,801	-25,125
1997	3,656,594	1,881,265	5,537,859.0	4,998,175	816,000	82,633	457,466	3,641,519	557	412,937	126,747
1998	3,235,080	2,448,833	5,683,913.0	5,499,986.0	nd	nd	nd	nd	nd	183,927	0
1999	3,049,779	2,656,086	5,705,865.0	5,371,952.0	nd	nd	nd	nd	nd	333,913	0
2000	3,446,224	nd	3,446,224	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 11.2

México: Balance interno de trigo

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	1,401,909.0	1,408,578.0	-6,669.0
1962	1,455,256.0	1,398,147.0	57,109.0
1963	1,702,989.0	1,491,285.0	211,704.0
1964	2,203,066.0	1,633,551.0	569,515.0
1965	2,150,354.0	1,636,610.0	513,744.0
1966	1,647,368.0	1,730,367.0	-82,999.0
1967	2,122,389.0	1,864,415.0	257,974.0
1968	2,080,725.0	2,078,969.0	1,756.0
1969	2,326,055.0	2,073,529.0	252,526.0
1970	2,676,451.0	2,274,977.0	401,474.0
1971	1,830,845.0	2,282,288.0	-451,443.0
1972	1,809,018.0	2,433,060.0	-624,042.0
1973	2,090,845.0	2,795,564.0	-704,719.0
1974	2,788,677.0	3,342,710.0	-554,033.0
1975	2,798,219.0	2,942,456.0	-144,237.0
1976	3,363,299.0	3,146,152.0	217,147.0
1977	2,455,774.0	3,003,411.0	-547,637.0
1978	2,784,660.0	3,217,880.0	-433,220.0
1979	2,286,525.0	3,461,222.0	-1,174,697.0
1980	2,784,914.0	3,629,632.0	-844,718.0
1981	3,189,402.0	4,358,402.0	-1,169,000.0
1982	4,462,139.0	4,774,174.0	-312,035.0
1983	3,460,242.0	4,378,975.0	-918,733.0
1984	4,505,546.0	4,841,355.0	-335,809.0
1985	5,214,315.0	5,562,697.0	-348,382.0
1986	4,769,731.0	5,177,169.0	-407,438.0
1987	4,415,391.0	4,804,934.0	-389,543.0
1988	3,664,828.0	4,664,971.0	-1,000,143.0
1989	4,374,739.0	4,553,282.0	-178,543.0
1990	3,930,934.0	4,287,412.0	-356,478.0
1991	4,060,738.0	4,667,737.0	-606,999.0
1992	3,620,503.0	4,815,743.0	-1,195,240.0
1993	3,582,450.0	5,090,578.0	-1,508,128.0
1994	4,150,922.0	5,220,348.0	-1,069,426.0
1995	3,468,217.0	4,796,418.0	-1,328,201.0
1996	3,375,008.0	5,244,264.0	-1,869,256.0
1997	3,656,594.0	4,998,175.0	-1,341,581.0
1998	3,235,080.0	5,499,986.0	-2,264,906.0
1999	3,049,779.0	5,371,952.0	-2,322,173.0
2000	3,446,224.0	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 11.3

México: Rendimiento de trigo por hectárea

Año	Superficie cosechada (Hectárea)	Producción (Toneladas)	Rendimiento (Toneladas/Hectárea)
1961	836,538	1,401,909.0	1.6758
1962	747,728	1,455,256.0	1.9462
1963	819,210	1,702,989.0	2.0788
1964	818,325	2,203,066.0	2.6922
1965	858,259	2,150,354.0	2.5055
1966	730,793	1,647,368.0	2.2542
1967	778,374	2,122,389.0	2.7267
1968	790,646	2,080,725.0	2.6317
1969	841,279	2,326,055.0	2.7649
1970	886,169	2,676,451.0	3.0202
1971	614,180	1,830,845.0	2.9810
1972	686,665	1,809,018.0	2.6345
1973	640,456	2,090,845.0	3.2646
1974	774,149	2,788,677.0	3.6022
1975	778,237	2,798,219.0	3.5956
1976	894,140	3,363,299.0	3.7615
1977	708,863	2,455,774.0	3.4644
1978	759,526	2,784,660.0	3.6663
1979	584,226	2,286,525.0	3.9138
1980	723,804	2,784,914.0	3.8476
1981	859,760	3,189,402.0	3.7096
1982	1,008,056	4,462,139.0	4.4265
1983	857,043	3,460,242.0	4.0374
1984	1,033,854	4,505,546.0	4.3580
1985	1,217,082	5,214,315.0	4.2843
1986	1,202,232	4,769,731.0	3.9674
1987	988,097	4,415,391.0	4.4686
1988	912,762	3,664,828.0	4.0151
1989	1,144,176	4,374,739.0	3.8235
1990	932,763	3,930,934.0	4.2143
1991	983,892	4,060,738.0	4.1272
1992	915,882	3,620,503.0	3.9530
1993	877,598	3,582,450.0	4.0821
1994	964,572	4,150,922.0	4.3034
1995	929,331	3,468,217.0	3.7320
1996	809,240	3,375,008.0	4.1706
1997	772,303	3,656,594.0	4.7347
1998	768,800	3,235,080.0	4.2080
1999	638,100	3,049,779.0	4.7795
2000	748,000	3,446,224.0	4.6073

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 11.4

México: Producción y consumo de trigo por habitante

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	38.7110	38.8961	-0.1842
1962	37,486,139	38.8212	37.2977	1.6235
1963	38,800,538	43.8909	38.4346	5.4562
1964	40,147,986	54.8736	40.6882	14.1854
1965	41,535,828	51.7711	39.4024	12.3687
1966	42,955,469	38.3506	40.2828	-1.9322
1967	44,397,880	47.8038	41.9933	5.8105
1968	45,859,833	45.3716	45.3333	0.0383
1969	47,337,557	49.1376	43.8030	5.3346
1970	48,852,306	54.7866	46.5685	8.2181
1971	50,393,091	36.3313	45.2897	-8.9584
1972	51,948,772	34.8231	46.8358	-12.0126
1973	53,517,788	39.0682	52.2362	-13.1679
1974	55,104,832	50.6068	60.6609	-10.0542
1975	56,687,703	49.3620	51.9064	-2.5444
1976	58,291,820	67.6976	53.9724	3.7252
1977	59,900,617	40.9975	50.1399	-9.1424
1978	61,527,486	45.2588	52.2999	-7.0411
1979	63,161,213	36.2014	54.7998	-18.5984
1980	64,788,572	42.9846	56.0227	-13.0381
1981	66,425,164	48.0150	65.6137	-17.5988
1982	68,081,155	65.5415	70.1248	-4.5833
1983	69,744,148	49.6134	62.7863	-13.1729
1984	71,421,164	63.0842	67.7860	-4.7018
1985	73,112,440	71.3191	76.0841	-4.7650
1986	74,817,783	63.7613	69.1970	-5.4457
1987	76,536,428	57.6901	62.7797	-5.0896
1988	78,266,888	46.8248	59.6034	-12.7786
1989	80,019,134	54.6712	56.9024	-2.2313
1990	81,781,347	48.0664	52.4253	-4.3589
1991	83,554,530	48.5999	55.8646	-7.2647
1992	85,348,102	42.4204	56.4247	-14.0043
1993	87,117,464	41.1221	58.4335	-17.3114
1994	88,853,239	45.7114	58.7459	-12.0345
1995	90,578,718	38.2895	52.9530	-14.6635
1996	92,228,065	35.5942	56.8619	-20.2678
1997	93,813,963	38.9771	53.2775	-14.3004
1998	95,326,450	33.9369	57.6963	-23.7596
1999	96,714,391	31.5339	55.5446	-24.0106
2000	97,925,896	35.1922	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 11.5

México: Oferta y demanda total de trigo

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA							
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+j-k)	Consumo aparente total (d = e+f+g+h+i)	Piensos (e)	Semillas (f)	Desperdicios (g)	Alimentación (h)	Otros usos (i)	Exportaciones (j)	Cambio en las existencias [1] (k)
1961	99.51	0.49	100.00	99.99	3.98	5.57	11.80	78.64	0.00	0.01	0.00
1962	98.37	1.63	100.00	94.50	4.16	6.15	7.33	82.35	0.00	0.09	5.41
1963	97.64	2.36	100.00	85.51	4.57	5.76	7.67	82.00	0.00	4.17	10.32
1964	97.49	2.51	100.00	72.29	5.42	5.62	8.23	80.84	0.00	25.50	2.21
1965	99.47	0.53	100.00	75.71	5.59	4.69	7.02	82.70	0.00	31.69	-7.40
1966	99.94	0.06	100.00	104.98	5.13	4.72	4.99	85.16	0.00	2.91	-7.89
1967	99.94	0.06	100.00	87.79	6.11	4.45	6.14	83.29	0.00	13.15	-0.94
1968	99.93	0.07	100.00	99.84	0.42	4.25	17.89	77.44	0.00	0.16	0.00
1969	99.97	0.03	100.00	89.12	6.75	4.49	9.08	79.69	0.00	10.88	0.00
1970	99.97	0.03	100.00	84.98	10.37	2.83	8.06	78.73	0.00	1.57	13.45
1971	91.16	8.84	100.00	113.63	9.60	3.16	5.34	81.91	0.00	4.29	-17.92
1972	73.83	26.17	100.00	99.30	9.58	2.76	5.06	82.60	0.00	0.70	0.00
1973	74.41	25.59	100.00	99.49	9.73	2.91	7.49	79.87	0.00	0.51	0.00
1974	74.06	25.94	100.00	88.78	11.37	2.44	16.27	69.92	0.00	0.60	10.62
1975	96.96	3.04	100.00	101.95	9.89	3.19	6.94	79.98	0.00	1.51	-3.46
1976	99.95	0.05	100.00	93.50	8.38	2.37	14.24	75.01	0.00	0.56	5.94
1977	83.76	16.25	100.00	102.43	9.86	2.66	6.80	80.69	0.00	0.98	-3.41
1978	84.61	15.39	100.00	97.77	9.76	2.10	7.26	80.89	0.00	0.71	1.52
1979	66.55	33.45	100.00	100.74	9.94	2.36	6.28	81.42	0.00	0.71	-1.46
1980	77.16	22.84	100.00	100.56	9.95	2.72	5.61	81.72	0.00	0.82	-1.39
1981	73.84	26.16	100.00	100.91	13.45	2.66	5.72	78.17	0.00	0.25	-1.16
1982	89.59	10.41	100.00	95.86	12.97	1.98	7.99	77.08	0.00	0.13	4.02
1983	89.12	10.88	100.00	112.78	9.59	2.59	5.77	82.05	0.00	0.10	-12.88
1984	92.88	7.12	100.00	99.81	16.11	2.76	6.95	74.17	0.00	0.19	0.00
1985	90.29	9.71	100.00	96.32	21.57	2.42	9.71	66.30	0.00	0.21	3.46
1986	95.51	4.49	100.00	103.66	25.11	2.11	10.32	62.45	0.00	0.34	-4.00
1987	91.03	8.97	100.00	99.08	20.81	2.11	10.93	66.15	0.00	0.94	0.00
1988	75.36	24.64	100.00	95.93	17.59	2.71	7.28	72.42	0.00	4.07	0.00
1989	90.79	9.21	100.00	94.49	14.60	2.21	6.78	76.40	0.00	5.51	0.00
1990	91.79	8.21	100.00	100.12	8.40	2.47	5.33	83.80	0.00	0.53	-0.65
1991	90.38	9.62	100.00	103.89	13.28	2.15	6.89	77.67	0.01	1.42	-5.31
1992	75.51	24.49	100.00	100.44	15.99	1.96	6.08	75.98	0.01	0.00	-0.45
1993	66.56	33.44	100.00	94.59	17.69	2.10	6.23	73.99	0.01	0.04	5.38
1994	73.91	26.09	100.00	92.96	15.32	1.95	3.71	79.01	0.01	1.74	5.31
1995	73.61	26.39	100.00	101.80	14.59	1.87	4.54	79.00	0.01	9.62	-11.42
1996	63.29	36.71	100.00	98.34	17.16	1.67	10.56	70.57	0.01	2.13	-0.47
1997	66.03	33.97	100.00	90.25	16.33	1.65	9.15	72.86	0.01	7.46	2.29
1998	56.92	43.08	100.00	96.76	nd	nd	nd	nd	nd	3.24	0.00
1999	53.45	46.55	100.00	94.15	nd	nd	nd	nd	nd	5.85	0.00
2000	nd	nd	100.00	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 11.6

México: Superficie cosechada y producción por modalidad de

(Porcentaje)

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	58	42	100	70	30	100
1971	66	34	100	78	22	100
1972	66	34	100	84	16	100
1973	71	29	100	83	17	100
1974	63	37	100	71	29	100
1975	70	30	100	84	16	100
1976	77	23	100	87	13	100
1977	88	12	100	96	4	100
1978	87	13	100	95	5	100
1979	87	13	100	96	4	100
1980	85	15	100	95	5	100
1981	82	18	100	93	7	100
1982	90	10	100	97	3	100
1983	84	16	100	94	6	100
1984	87	13	100	95	5	100
1985	86	14	100	95	5	100
1986	89	11	100	96	4	100
1987	84	16	100	94	6	100
1988	79	21	100	94	6	100
1989	82	18	100	93	7	100
1990	77	23	100	90	10	100
1991	77	23	100	90	10	100
1992	79	21	100	90	10	100
1993	78	22	100	91	9	100
1994	74	26	100	89	11	100
1995	70	30	100	88	12	100
1996	68	32	100	85	15	100
1997	73	27	100	89	11	100
1998	62	38	100	83	17	100
1999	79	21	100	92	8	100
2000	78	22	100	91	9	100

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 11.7

México: Superficie cosechada y producción por modalidad de trigo

Año	Superficie (Hectáreas)			Producción (Toneladas)		
	Riego	Temporal	Total	Riego	Temporal	Total
1970	513,098	373,071	886,169	1,877,316	799,135	2,676,451
1971	405,119	209,061	614,180	1,421,880	408,965	1,830,845
1972	454,778	231,887	686,665	1,512,015	297,003	1,809,018
1973	454,323	186,133	640,456	1,738,871	351,974	2,090,845
1974	490,094	284,055	774,149	1,970,772	817,905	2,788,677
1975	541,165	237,072	778,237	2,362,185	436,034	2,798,219
1976	689,108	205,032	894,140	2,926,260	437,039	3,363,299
1977	624,879	83,984	708,863	2,352,783	102,991	2,455,774
1978	663,586	95,940	759,526	2,651,676	132,984	2,784,660
1979	506,196	78,030	584,226	2,199,543	86,982	2,286,525
1980	615,728	108,076	723,804	2,639,993	144,921	2,784,914
1981	709,275	150,485	859,760	2,969,068	220,334	3,189,402
1982	905,758	102,298	1,008,056	4,321,618	140,521	4,462,139
1983	722,138	134,905	857,043	3,259,661	200,581	3,460,242
1984	898,969	134,885	1,033,854	4,277,383	228,163	4,505,546
1985	1,050,210	166,872	1,217,082	4,970,941	243,374	5,214,315
1986	1,070,683	131,549	1,202,232	4,585,090	184,641	4,769,731
1987	829,189	158,908	988,097	4,154,719	260,672	4,415,391
1988	718,439	194,323	912,762	3,441,141	223,687	3,664,828
1989	937,164	207,012	1,144,176	4,064,791	309,948	4,374,739
1990	721,134	211,629	932,763	3,531,744	399,190	3,930,934
1991	759,014	224,878	983,892	3,670,605	390,133	4,060,738
1992	727,091	188,791	915,882	3,255,635	364,868	3,620,503
1993	681,031	196,567	877,598	3,266,761	315,689	3,582,450
1994	713,950	250,622	964,572	3,704,265	446,657	4,150,922
1995	651,938	277,393	929,331	3,047,593	420,624	3,468,217
1996	552,505	256,735	809,240	2,884,920	490,088	3,375,008
1997	561,590	210,713	772,303	3,267,262	389,332	3,656,594
1998	476,755	292,045	768,800	2,678,885	556,195	3,235,080
1999	506,923	131,214	638,100	2,808,156	241,623	3,049,779
2000	580,943	168,403	748,000	3,145,519	300,705	3,446,224

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

CUADRO 11.8

México: Rendimientos, producción entre superficie cosechada de trigo

(kilogramos por hectárea)

Año	Total	Riego	Temporal
1970	3,020.25	3,658.79	2,142.04
1971	2,980.96	3,509.78	1,956.20
1972	2,634.50	3,324.73	1,280.81
1973	3,264.62	3,827.39	1,890.99
1974	3,602.25	4,021.21	2,879.39
1975	3,595.59	4,365.00	1,839.25
1976	3,761.49	4,246.45	2,131.56
1977	3,464.38	3,765.18	1,226.31
1978	3,666.31	3,995.98	1,386.11
1979	3,913.77	4,345.24	1,114.72
1980	3,847.61	4,287.60	1,340.92
1981	3,709.64	4,186.06	1,464.16
1982	4,426.48	4,771.27	1,373.64
1983	4,037.42	4,513.90	1,486.83
1984	4,358.01	4,758.10	1,691.54
1985	4,284.28	4,733.28	1,458.45
1986	3,967.40	4,282.40	1,403.59
1987	4,468.58	5,010.58	1,640.39
1988	4,015.10	4,789.75	1,151.11
1989	3,823.48	4,337.33	1,497.25
1990	4,214.29	4,897.49	1,886.27
1991	4,127.22	4,836.02	1,734.87
1992	3,953.02	4,477.62	1,932.66
1993	4,082.11	4,796.79	1,606.01
1994	4,303.38	5,188.41	1,782.19
1995	3,731.95	4,674.67	1,516.35
1996	4,170.59	5,221.53	1,908.93
1997	4,734.66	5,817.88	1,847.69
1998	4,207.96	5,619.00	1,904.48
1999	4,779.47	5,539.61	1,841.44
2000	4,607.25	5,414.51	1,785.63

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaria de Planeación, 1992, México, Noviembre del 2000.

GANADERIA Y PESCA

CUADRO 12.1

México: Oferta y demanda de Carne de Aves de Corral

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA		
	Producción	Importaciones	(c = a+b) (c = d+ f)	Consumo aparente total	Alimentación	Exportaciones
	(a)	(b)		(d = e)	(e)	(f)
1961	134,860	434	135,294	135,294	135,294	0
1962	148,440	774	149,214	149,214	149,214	0
1963	155,020	534	155,554	155,554	155,554	0
1964	161,600	507	162,107	162,107	162,107	0
1965	175,680	504	176,184	176,184	176,184	0
1966	182,760	519	183,279	183,279	183,279	0
1967	189,990	868	190,858	190,858	190,858	0
1968	196,390	893	197,283	197,283	197,283	0
1969	204,450	594	205,044	205,044	205,044	0
1970	218,900	722	219,622	219,622	219,622	0
1971	232,940	580	233,520	233,520	233,520	0
1972	244,285	2,155	246,440	246,440	246,440	0
1973	271,290	1,040	272,330	272,330	272,330	0
1974	295,074	1,256	296,330	296,330	296,330	0
1975	309,961	717	310,678	310,756	310,678	78
1976	331,811	338	332,149	332,149	332,149	0
1977	353,471	358	353,829	353,872	353,829	43
1978	380,761	531	381,292	381,314	381,292	22
1979	411,762	824	412,586	412,587	412,586	1
1980	444,371	1,264	445,635	445,666	445,635	31
1981	472,105	13,007	485,112	485,117	485,112	5
1982	499,957	6,428	506,385	506,434	506,385	49
1983	520,187	3,192	523,379	523,379	523,379	0
1984	543,491	10,825	554,316	554,340	554,316	24
1985	607,281	18,592	625,873	625,873	625,873	0
1986	722,233	19,118	741,351	741,351	741,351	0
1987	718,256	21,752	740,008	740,019	740,008	11
1988	673,698	79,232	752,930	752,940	752,930	10
1989	651,260	53,760	705,020	707,481	705,020	2,461
1990	750,427	40,803	791,230	786,453	786,453	4,777
1991	857,947	63,243	921,190	916,028	916,028	5,162
1992	898,495	86,903	985,398	981,232	981,232	4,166
1993	1,040,029	106,071	1,146,100	1,143,774	1,143,774	2,326
1994	1,126,008	121,798	1,247,806	1,247,715	1,247,715	91
1995	1,283,867	113,636	1,397,503	1,396,214	1,396,214	1,289
1996	1,264,366	130,067	1,394,433	1,392,765	1,392,765	1,668
1997	1,441,905	155,783	1,597,688	1,595,306	1,595,306	2,382
1998	1,598,921	175,428	1,774,349	1,771,688	1,771,688	2,661
1999	1,731,538	182,444	1,913,982	1,910,235	1,910,235	3,747
2000	nd	nd	nd	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 12.2

México: Balance interno de carne de aves de corral

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	134,860	135,294	-434
1962	148,440	149,214	-774
1963	155,020	155,554	-534
1964	161,600	162,107	-507
1965	175,680	176,184	-504
1966	182,760	183,279	-519
1967	189,990	190,858	-868
1968	196,390	197,283	-893
1969	204,450	205,044	-594
1970	218,900	219,622	-722
1971	232,940	233,520	-580
1972	244,285	246,440	-2,155
1973	271,290	272,330	-1,040
1974	295,074	296,330	-1,256
1975	309,961	310,756	-795
1976	331,811	332,149	-338
1977	353,471	353,872	-401
1978	380,761	381,314	-553
1979	411,762	412,587	-825
1980	444,371	445,666	-1,295
1981	472,105	485,117	-13,012
1982	499,957	506,434	-6,477
1983	520,187	523,379	-3,192
1984	543,491	554,340	-10,849
1985	607,281	625,873	-18,592
1986	722,233	741,351	-19,118
1987	718,256	740,019	-21,763
1988	673,698	752,930	-79,232
1989	651,260	707,481	-56,221
1990	750,427	786,453	-36,026
1991	857,947	916,028	-58,081
1992	898,495	981,232	-82,737
1993	1,040,029	1,143,774	-103,745
1994	1,126,008	1,247,715	-121,707
1995	1,283,867	1,396,214	-112,347
1996	1,264,366	1,392,765	-128,399
1997	1,441,905	1,595,306	-153,401
1998	1,598,921	1,771,688	-172,767
1999	1,731,538	1,910,235	-178,697
2000	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 12.3

México: Producción y consumo de carne de aves de corral

(Kilogramos)

Año	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	3.7239	3.7359	-0.0120
1962	37,486,139	3.9599	3.9805	-0.0206
1963	38,800,536	3.9953	4.0091	-0.0138
1964	40,147,986	4.0251	4.0377	-0.0126
1965	41,535,828	4.2296	4.2417	-0.0121
1966	42,955,469	4.2546	4.2667	-0.0121
1967	44,397,880	4.2793	4.2988	-0.0196
1968	45,859,633	4.2824	4.3019	-0.0195
1969	47,337,557	4.3190	4.3315	-0.0126
1970	48,852,306	4.4809	4.4956	-0.0148
1971	50,393,091	4.6225	4.6340	-0.0115
1972	51,948,772	4.7024	4.7439	-0.0415
1973	53,517,788	5.0692	5.0886	-0.0194
1974	55,104,832	5.3548	5.3776	-0.0228
1975	56,687,703	5.4679	5.4819	-0.0140
1976	58,291,820	5.6922	5.6980	-0.0058
1977	59,900,617	5.9010	5.9077	-0.0067
1978	61,527,486	6.1885	6.1975	-0.0090
1979	63,161,213	6.5192	6.5323	-0.0131
1980	64,788,572	6.8588	6.8788	-0.0200
1981	66,425,164	7.1073	7.3032	-0.1959
1982	68,081,155	7.3435	7.4387	-0.0951
1983	69,744,148	7.4585	7.5043	-0.0458
1984	71,421,164	7.6097	7.7616	-0.1519
1985	73,112,440	8.3061	8.5604	-0.2543
1986	74,817,783	9.6532	9.9088	-0.2556
1987	76,536,428	9.3845	9.6688	-0.2843
1988	78,286,888	8.6077	9.6202	-1.0123
1989	80,019,134	8.1388	8.8414	-0.7026
1990	81,781,347	9.1760	9.6165	-0.4405
1991	83,554,530	10.2681	10.9632	-0.6951
1992	85,348,102	10.5274	11.4968	-0.9694
1993	87,117,464	11.9382	13.1291	-1.1909
1994	88,863,239	12.6712	14.0408	-1.3696
1995	90,578,718	14.1740	15.4144	-1.2403
1996	92,228,066	13.7091	15.1013	-1.3922
1997	93,813,963	15.3698	17.0050	-1.6352
1998	95,326,450	16.7731	18.5855	-1.8124
1999	96,714,391	17.9036	19.7513	-1.8477
2000	97,925,896	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 12.4

México: Oferta y demanda de Carne de Aves de Corral

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA		
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+ f)	Consumo aparente total (d=e)	Alimentación (e)	Exportaciones (f)
1961	99.68	0.32	100.00	100.00	100.00	0.00
1962	99.48	0.52	100.00	100.00	100.00	0.00
1963	99.66	0.34	100.00	100.00	100.00	0.00
1964	99.69	0.31	100.00	100.00	100.00	0.00
1965	99.71	0.29	100.00	100.00	100.00	0.00
1966	99.72	0.28	100.00	100.00	100.00	0.00
1967	99.55	0.45	100.00	100.00	100.00	0.00
1968	99.55	0.45	100.00	100.00	100.00	0.00
1969	99.71	0.29	100.00	100.00	100.00	0.00
1970	99.67	0.33	100.00	100.00	100.00	0.00
1971	99.75	0.25	100.00	100.00	100.00	0.00
1972	99.13	0.87	100.00	100.00	100.00	0.00
1973	99.62	0.38	100.00	100.00	100.00	0.00
1974	99.58	0.42	100.00	100.00	100.00	0.00
1975	99.77	0.23	100.00	100.03	99.97	0.03
1976	99.90	0.10	100.00	100.00	100.00	0.00
1977	99.90	0.10	100.00	100.01	99.99	0.01
1978	99.86	0.14	100.00	100.01	99.99	0.01
1979	99.80	0.20	100.00	100.00	100.00	0.00
1980	99.72	0.28	100.00	100.01	99.99	0.01
1981	97.32	2.68	100.00	100.00	100.00	0.00
1982	98.73	1.27	100.00	100.01	99.99	0.01
1983	99.39	0.61	100.00	100.00	100.00	0.00
1984	98.05	1.95	100.00	100.00	100.00	0.00
1985	97.03	2.97	100.00	100.00	100.00	0.00
1986	97.42	2.58	100.00	100.00	100.00	0.00
1987	97.06	2.94	100.00	100.00	100.00	0.00
1988	89.48	10.52	100.00	100.00	100.00	0.00
1989	92.37	7.63	100.00	100.35	99.65	0.35
1990	94.84	5.16	100.00	99.40	100.00	0.60
1991	93.13	6.87	100.00	99.44	100.00	0.56
1992	91.18	8.82	100.00	99.58	100.00	0.42
1993	90.75	9.25	100.00	99.80	100.00	0.20
1994	90.24	9.76	100.00	99.99	100.00	0.01
1995	91.87	8.13	100.00	99.91	100.00	0.09
1996	90.67	9.33	100.00	99.88	100.00	0.12
1997	90.25	9.75	100.00	99.85	100.00	0.15
1998	90.11	9.89	100.00	99.85	100.00	0.15
1999	90.47	9.53	100.00	99.80	100.00	0.20
2000	nd	nd	100.00	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 13.1

México: Oferta y demanda de Carne de Cerdo

(Toneladas)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA		
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+f)	Consumo aparente total (d = e)	Alimentación (e)	Exportaciones (f)
1961	422,000	161	422,161	422,161	422,161	0
1962	422,000	242	422,242	422,242	422,242	0
1963	424,000	120	424,120	424,117	424,117	3
1964	426,000	199	426,199	426,193	426,193	6
1965	428,000	95	428,095	428,090	428,090	4
1966	430,000	36	430,036	430,028	430,028	8
1967	444,000	203	444,203	444,182	444,182	20
1968	446,000	147	446,147	446,138	446,138	9
1969	460,000	133	460,133	460,095	460,095	38
1970	479,000	40	479,040	479,036	479,036	4
1971	503,570	58	503,628	503,610	603,610	18
1972	572,894	256	573,150	571,214	571,214	1,936
1973	641,441	266	641,707	641,169	641,169	538
1974	719,036	443	719,479	719,456	719,456	23
1975	810,019	325	810,344	809,954	809,954	390
1976	909,310	121	909,431	907,194	907,194	2,237
1977	1,009,890	128	1,010,018	1,008,469	1,008,469	1,549
1978	1,084,622	95	1,084,717	1,082,899	1,082,899	1,818
1979	1,166,822	533	1,167,355	1,166,771	1,166,771	584
1980	1,250,800	266	1,251,066	1,251,010	1,251,010	56
1981	1,306,616	367	1,306,983	1,306,867	1,306,867	116
1982	1,365,414	208	1,366,622	1,365,622	1,366,622	0
1983	1,485,882	764	1,486,636	1,486,332	1,486,332	304
1984	1,455,303	581	1,455,884	1,455,287	1,455,287	597
1985	1,293,221	1,866	1,295,087	1,295,080	1,295,080	7
1986	959,259	2,156	961,415	960,976	960,976	438
1987	914,573	2,593	917,166	915,720	915,720	1,446
1988	861,200	52,083	913,283	912,409	912,409	874
1989	726,670	70,740	797,410	797,177	797,177	233
1990	757,351	33,159	790,510	789,999	789,999	511
1991	811,899	48,105	860,004	859,346	859,346	658
1992	819,782	58,116	877,898	874,216	874,216	3,682
1993	821,580	49,651	871,231	867,540	867,540	3,691
1994	872,907	79,722	952,629	948,951	948,951	3,678
1995	921,576	29,397	950,973	944,655	944,655	6,318
1996	910,290	30,437	940,727	926,543	926,543	14,184
1997	939,245	47,900	987,145	964,745	964,745	22,400
1998	960,689	91,091	1,051,780	1,030,308	1,030,308	21,472
1999	992,354	114,147	1,106,501	1,083,019	1,083,019	23,482
2000	1,034,900	nd	nd	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000

CUADRO 13.2

México: Balance interno de carne de cerdo

(Toneladas)

	Producción	Consumo aparente total	Balance interno
1961	422,000	422,161	-161
1962	422,000	422,242	-242
1963	424,000	424,117	-117
1964	426,000	426,193	-193
1965	428,000	428,080	-80
1966	430,000	430,028	-28
1967	444,000	444,182	-182
1968	446,000	446,138	-138
1969	460,000	460,095	-95
1970	479,000	479,036	-36
1971	503,570	503,610	-40
1972	572,894	571,214	1,680
1973	641,441	641,169	272
1974	719,036	719,456	-420
1975	810,019	809,954	65
1976	909,310	907,194	2,116
1977	1,009,890	1,008,469	1,421
1978	1,084,622	1,082,899	1,723
1979	1,166,822	1,166,771	51
1980	1,250,800	1,251,010	-210
1981	1,306,616	1,306,867	-251
1982	1,365,414	1,365,622	-208
1983	1,485,882	1,486,332	-450
1984	1,455,303	1,455,287	16
1985	1,293,221	1,295,080	-1,859
1986	959,259	960,976	-1,717
1987	914,573	915,720	-1,147
1988	861,200	912,409	-51,209
1989	726,670	797,177	-70,507
1990	757,351	789,999	-32,648
1991	811,899	859,346	-47,447
1992	819,782	874,216	-54,434
1993	821,580	867,540	-45,960
1994	872,907	948,951	-76,044
1995	921,576	944,655	-23,079
1996	910,290	926,543	-16,253
1997	939,245	964,745	-25,500
1998	960,689	1,030,308	-69,619
1999	992,354	1,083,019	-90,665
2000	1,034,900	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 13.3

México: Producción y consumo de carne de cerdo

(Kilogramos)

	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	11.6527	11.6571	-0.0044
1962	37,486,139	11.2575	11.2640	-0.0066
1963	38,800,538	10.9277	10.9307	-0.0030
1964	40,147,986	10.6107	10.6156	-0.0048
1965	41,535,828	10.3044	10.3063	-0.0019
1966	42,955,469	10.0104	10.0110	-0.0007
1967	44,397,880	10.0005	10.0046	-0.0041
1968	45,859,533	9.7253	9.7283	-0.0030
1969	47,337,557	9.7174	9.7194	-0.0020
1970	48,852,306	9.8051	9.8058	-0.0007
1971	50,393,091	9.9928	9.9936	-0.0008
1972	51,948,772	11.0281	10.9957	0.0323
1973	53,517,786	11.9866	11.9805	0.0061
1974	55,104,832	13.0485	13.0561	-0.0076
1975	56,687,703	14.2891	14.2880	0.0011
1976	58,291,820	15.5993	15.5630	0.0363
1977	59,900,617	16.8594	16.8357	0.0237
1978	61,527,486	17.6283	17.6002	0.0280
1979	63,161,213	18.4737	18.4729	0.0008
1980	64,788,572	19.3059	19.3091	-0.0032
1981	66,425,164	19.6705	19.6743	-0.0038
1982	68,081,155	20.0557	20.0587	-0.0031
1983	69,744,148	21.3048	21.3112	-0.0065
1984	71,421,164	20.3764	20.3761	0.0002
1985	73,112,440	17.6881	17.7135	-0.0254
1986	74,817,763	12.8213	12.8442	-0.0229
1987	76,536,426	11.9495	11.9645	-0.0150
1988	78,266,888	11.0034	11.6577	-0.6543
1989	80,019,134	9.0812	9.9623	-0.8811
1990	81,781,347	9.2607	9.6599	-0.3992
1991	83,554,530	9.7170	10.2849	-0.5679
1992	85,348,102	9.6052	10.2429	-0.6378
1993	87,117,464	9.4307	9.9583	-0.5276
1994	88,863,239	9.8230	10.6788	-0.8557
1995	90,578,718	10.1743	10.4291	-0.2548
1996	92,228,065	9.8700	10.0462	-0.1762
1997	93,813,963	10.0118	10.2836	-0.2718
1998	95,326,490	10.0779	10.8082	-0.7303
1999	96,714,391	10.2607	11.1981	-0.9376
2000	97,925,896	10.5682	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 13.4

México: Oferta y demanda de Carne de Cerdo

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA		
	Producción	Importaciones	(c = a+b) (c = d+ f)	Consumo aparente total	Alimentación	Exportaciones
	(a)	(b)		(d = e)	(e)	(f)
1961	99.96	0.04	100.00	100.00	100.00	0.00
1962	99.94	0.06	100.00	100.00	100.00	0.00
1963	99.97	0.03	100.00	100.00	100.00	0.00
1964	99.95	0.05	100.00	100.00	100.00	0.00
1965	99.98	0.02	100.00	100.00	100.00	0.00
1966	99.99	0.01	100.00	100.00	100.00	0.00
1967	99.95	0.05	100.00	100.00	100.00	0.00
1968	99.97	0.03	100.00	100.00	100.00	0.00
1969	99.97	0.03	100.00	99.99	100.00	0.01
1970	99.99	0.01	100.00	100.00	100.00	0.00
1971	99.99	0.01	100.00	100.00	100.00	0.00
1972	99.96	0.04	100.00	99.66	100.00	0.34
1973	99.96	0.04	100.00	99.92	100.00	0.08
1974	99.94	0.06	100.00	100.00	100.00	0.00
1975	99.96	0.04	100.00	99.95	100.00	0.05
1976	99.99	0.01	100.00	99.75	100.00	0.25
1977	99.99	0.01	100.00	99.85	100.00	0.15
1978	99.99	0.01	100.00	99.83	100.00	0.17
1979	99.95	0.05	100.00	99.95	100.00	0.05
1980	99.98	0.02	100.00	100.00	100.00	0.00
1981	99.97	0.03	100.00	99.99	100.00	0.01
1982	99.98	0.02	100.00	100.00	100.00	0.00
1983	99.95	0.05	100.00	99.98	100.00	0.02
1984	99.96	0.04	100.00	99.96	100.00	0.04
1985	99.86	0.14	100.00	100.00	100.00	0.00
1986	99.78	0.22	100.00	99.95	100.00	0.05
1987	99.72	0.28	100.00	99.84	100.00	0.16
1988	94.30	5.70	100.00	99.90	100.00	0.10
1989	91.13	8.87	100.00	99.97	100.00	0.03
1990	95.81	4.19	100.00	99.94	100.00	0.06
1991	94.41	5.59	100.00	99.92	100.00	0.08
1992	93.38	6.62	100.00	99.58	100.00	0.42
1993	94.30	5.70	100.00	99.58	100.00	0.42
1994	91.63	8.37	100.00	99.61	100.00	0.39
1995	96.91	3.09	100.00	99.34	100.00	0.66
1996	96.76	3.24	100.00	98.49	100.00	1.51
1997	95.15	4.85	100.00	97.73	100.00	2.27
1998	91.34	8.66	100.00	97.96	100.00	2.04
1999	89.68	10.32	100.00	97.88	100.00	2.12
2000	nd	nd	100.00	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 14.1

México: Oferta y demanda de Carne de Vaca

(Toneladas)

	OFERTA		OFERTA = DEMANDA	DEMANDA		
Año	Producción (a)	Importaciones (b)	(c = a+b) (c = d+ f)	Consumo aparente total (d = e)	Alimentación (e)	Exportaciones (f)
1961	373,000	589	373,589	341,058	341,058	32,531
1962	441,560	573	442,133	407,185	407,185	34,947
1963	459,820	352	460,172	418,100	418,100	42,072
1964	479,740	573	480,313	451,007	451,007	29,306
1965	489,700	322	490,022	462,403	462,403	27,619
1966	499,330	803	500,133	465,498	465,498	34,635
1967	508,950	627	509,577	482,816	482,816	26,761
1968	518,600	441	519,041	478,253	478,253	40,789
1969	523,730	686	524,416	480,223	480,223	44,191
1970	511,129	866	511,984	465,492	465,492	46,492
1971	496,842	548	496,390	452,979	452,979	43,411
1972	500,951	471	501,422	449,360	449,360	52,062
1973	476,679	524	477,203	442,713	442,713	34,490
1974	491,515	485	492,000	474,496	474,496	17,504
1975	569,595	1,584	571,179	566,379	566,379	4,800
1976	677,937	1,369	679,306	658,270	658,270	21,037
1977	746,808	673	747,481	709,341	709,341	38,141
1978	732,468	963	733,431	694,505	694,505	38,925
1979	652,288	872	653,160	634,489	634,489	18,671
1980	740,755	3,381	744,136	743,339	743,339	796
1981	836,825	9,096	844,921	843,448	843,448	1,473
1982	861,940	7,579	869,519	868,904	868,904	616
1983	944,295	4,015	948,310	946,095	946,095	2,215
1984	925,020	309	925,329	922,751	922,751	2,577
1985	926,771	10,546	937,317	935,274	935,274	2,043
1986	1,247,856	792	1,248,648	1,245,643	1,245,643	3,005
1987	1,272,593	4,747	1,277,340	1,271,309	1,271,309	6,031
1988	1,271,000	30,250	1,301,250	1,296,238	1,296,238	5,012
1989	1,162,780	47,531	1,210,311	1,204,739	1,204,739	5,573
1990	1,113,919	52,794	1,166,713	1,162,139	1,162,139	4,574
1991	1,188,687	131,640	1,320,327	1,316,586	1,316,586	3,741
1992	1,247,196	157,388	1,404,583	1,403,808	1,403,808	775
1993	1,256,478	93,792	1,350,270	1,349,879	1,349,879	391
1994	1,364,711	118,595	1,483,306	1,483,033	1,483,033	273
1995	1,412,336	40,397	1,452,733	1,451,164	1,451,164	1,569
1996	1,329,947	73,310	1,403,257	1,401,716	1,401,716	1,541
1997	1,340,071	144,100	1,484,171	1,483,871	1,483,871	300
1998	1,379,768	221,500	1,601,268	1,600,674	1,600,674	594
1999	1,401,078	257,831	1,658,909	1,657,879	1,657,879	1,030
2000	1,414,900	nd	nd	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 14.2

México: Balance interno de carne de vaca

(Toneladas)

	Producción	Consumo aparente total	Balance interno
1961	373,000	341,058	31,942
1962	441,560	407,185	34,375
1963	459,820	418,100	41,720
1964	479,740	451,007	28,733
1965	489,700	462,403	27,297
1966	499,330	465,498	33,832
1967	508,950	482,816	26,134
1968	518,600	478,253	40,347
1969	523,730	480,223	43,507
1970	511,129	465,492	45,637
1971	495,842	452,979	42,863
1972	500,951	449,360	51,591
1973	476,679	442,713	33,966
1974	491,515	474,496	17,019
1975	569,595	566,379	3,216
1976	677,937	658,270	19,667
1977	746,808	709,341	37,467
1978	732,468	694,505	37,963
1979	652,288	634,489	17,799
1980	740,755	743,339	-2,584
1981	835,825	843,448	-7,623
1982	861,940	868,904	-6,964
1983	944,295	946,095	-1,800
1984	925,020	922,751	2,269
1985	926,771	935,274	-8,503
1986	1,247,856	1,245,643	2,213
1987	1,272,593	1,271,309	1,284
1988	1,271,000	1,296,238	-25,238
1989	1,162,780	1,204,739	-41,959
1990	1,113,919	1,162,139	-48,220
1991	1,188,687	1,316,586	-127,899
1992	1,247,195	1,403,808	-156,613
1993	1,256,478	1,349,879	-93,401
1994	1,364,711	1,483,033	-118,322
1995	1,412,336	1,451,164	-38,828
1996	1,329,947	1,401,716	-71,769
1997	1,340,071	1,483,871	-143,800
1998	1,379,768	1,600,674	-220,906
1999	1,401,078	1,657,879	-256,801
2000	1,414,900	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 14.3

México: Producción y consumo de carne de vaca

(Kilogramos)

	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	10.2997	9.4176	0.8820
1962	37,486,139	11.7793	10.8623	0.9170
1963	38,800,538	11.8509	10.7756	1.0752
1964	40,147,986	11.9493	11.2336	0.7157
1965	41,535,826	11.7898	11.1326	0.6672
1966	42,955,469	11.6244	10.8368	0.7876
1967	44,397,880	11.4634	10.8748	0.5886
1968	45,859,633	11.3084	10.4288	0.8796
1969	47,337,557	11.0637	10.1447	0.9191
1970	48,852,306	10.4627	9.5286	0.9342
1971	50,393,091	9.8395	8.9889	0.8506
1972	51,948,772	9.6432	8.6501	0.9931
1973	53,517,788	8.9069	8.2723	0.6347
1974	55,104,832	8.9196	8.6108	0.3088
1975	56,687,703	10.0479	9.9912	0.0567
1976	58,291,820	11.6301	11.2927	0.3374
1977	59,900,617	12.4675	11.8420	0.6255
1978	61,527,486	11.9047	11.2877	0.6170
1979	63,161,213	10.3274	10.0455	0.2818
1980	64,798,572	11.4334	11.4733	-0.0399
1981	66,425,164	12.5830	12.6977	-0.1148
1982	68,081,155	12.6605	12.7628	-0.1023
1983	69,744,149	13.5394	13.5652	-0.0258
1984	71,421,164	12.9516	12.9199	0.0318
1985	73,112,440	12.6760	12.7923	-0.1163
1986	74,817,783	16.6786	16.6490	0.0296
1987	76,536,428	16.6273	16.6105	0.0168
1988	78,266,888	16.2393	16.5618	-0.3225
1989	80,019,134	14.5313	15.0556	-0.5244
1990	81,781,347	13.6207	14.2103	-0.5896
1991	83,554,530	14.2265	15.7572	-1.5307
1992	85,349,102	14.6130	16.4480	-1.8350
1993	87,117,464	14.4228	15.4949	-1.0721
1994	88,863,239	15.3574	16.6889	-1.3315
1995	90,578,718	15.5924	16.0210	-0.4287
1996	92,228,065	14.4202	15.1984	-0.7782
1997	93,813,963	14.2843	15.8172	-1.5328
1998	95,326,450	14.4741	16.7915	-2.3174
1999	96,714,391	14.4868	17.1420	-2.6553
2000	97,925,886	14.4487	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 14.4

México: Oferta y demanda de Carne de Vaca

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA		
	Producción	Importaciones	(c = a+b) (c = d+f)	Consumo aparente total	Alimentación	Exportaciones
	(a)	(b)		(d = e)	(e)	(f)
1961	99.84	0.16	100.00	91.29	100.00	8.71
1962	99.87	0.13	100.00	92.10	100.00	7.90
1963	99.92	0.08	100.00	90.86	100.00	9.14
1964	99.88	0.12	100.00	93.90	100.00	6.10
1965	99.93	0.07	100.00	94.36	100.00	5.64
1966	99.84	0.16	100.00	93.07	100.00	6.93
1967	99.88	0.12	100.00	94.75	100.00	5.25
1968	99.92	0.08	100.00	92.14	100.00	7.86
1969	99.87	0.13	100.00	91.57	100.00	8.43
1970	99.83	0.17	100.00	90.92	100.00	9.08
1971	99.89	0.11	100.00	91.25	100.00	8.75
1972	99.91	0.09	100.00	89.62	100.00	10.38
1973	99.89	0.11	100.00	92.77	100.00	7.23
1974	99.90	0.10	100.00	96.44	100.00	3.56
1975	99.72	0.28	100.00	99.16	100.00	0.84
1976	99.80	0.20	100.00	96.90	100.00	3.10
1977	99.91	0.09	100.00	94.90	100.00	5.10
1978	99.87	0.13	100.00	94.69	100.00	5.31
1979	99.87	0.13	100.00	97.14	100.00	2.86
1980	99.55	0.45	100.00	99.89	100.00	0.11
1981	98.92	1.08	100.00	99.83	100.00	0.17
1982	99.13	0.87	100.00	99.93	100.00	0.07
1983	99.58	0.42	100.00	99.77	100.00	0.23
1984	99.97	0.03	100.00	99.72	100.00	0.28
1985	98.87	1.13	100.00	99.78	100.00	0.22
1986	99.94	0.06	100.00	99.76	100.00	0.24
1987	99.63	0.37	100.00	99.53	100.00	0.47
1988	97.68	2.32	100.00	99.61	100.00	0.39
1989	96.07	3.93	100.00	99.54	100.00	0.46
1990	95.47	4.53	100.00	99.61	100.00	0.39
1991	90.03	9.97	100.00	99.72	100.00	0.28
1992	88.79	11.21	100.00	99.94	100.00	0.06
1993	93.05	6.95	100.00	99.97	100.00	0.03
1994	92.00	8.00	100.00	99.98	100.00	0.02
1995	97.22	2.78	100.00	99.89	100.00	0.11
1996	94.78	5.22	100.00	99.89	100.00	0.11
1997	90.29	9.71	100.00	99.98	100.00	0.02
1998	86.17	13.83	100.00	99.96	100.00	0.04
1999	84.46	15.54	100.00	99.94	nd	0.06
2000	nd	nd	100.00	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 15.1

México: Oferta y demanda total de huevo

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA				
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+h)	Consumo aparente total (d = e+f+g)	Incubación (e)	Desperdicios 1 (f)	Alimentación (g)	Exportaciones (h)
1961	141,224	40	141,264	141,253	5,650	14,126	121,477	11
1962	152,000	31	152,031	152,031	6,080	15,203	130,748	0
1963	177,000	16	177,016	176,926	7,050	17,702	152,174	90
1964	176,000	7	176,007	176,005	7,040	17,601	151,364	2
1965	203,000	5	203,005	203,004	8,120	20,300	174,584	0
1966	227,000	0	227,000	225,828	9,080	22,700	194,048	1,172
1967	274,000	22	274,022	274,022	10,030	27,402	236,590	0
1968	276,000	28	276,028	276,028	10,500	27,603	237,925	0
1969	309,000	5	309,005	309,002	11,000	30,900	267,102	2
1970	342,968	4	342,972	342,959	12,350	34,297	296,312	13
1971	349,600	18	349,618	348,133	14,000	34,962	299,171	1,485
1972	401,256	16	401,272	401,272	15,300	40,127	345,845	0
1973	405,948	28	405,976	405,976	15,700	40,598	349,678	0
1974	387,821	29	387,850	387,850	17,500	38,785	331,565	0
1975	424,358	42	424,400	424,369	17,000	42,440	364,929	31
1976	459,151	123	459,274	458,430	18,670	45,927	393,833	844
1977	508,760	213	508,973	507,283	20,950	50,881	435,452	1,690
1978	553,707	215	553,922	553,807	22,550	55,375	475,882	115
1979	600,583	4,150	604,733	604,718	26,000	60,401	518,317	15
1980	644,427	2,522	646,949	646,949	25,800	64,692	556,457	0
1981	663,759	2,845	666,604	666,604	26,700	66,657	573,247	0
1982	690,310	12,337	702,647	702,626	29,000	70,264	603,362	21
1983	715,259	1,161	716,420	716,361	30,000	71,642	614,719	59
1984	740,365	109	740,474	740,474	28,000	74,046	638,428	0
1985	826,440	114	826,554	825,522	32,000	120,961	710,867	1,032
1986	997,802	47	997,849	997,567	40,000	124,230	857,782	282
1987	975,029	259	975,288	975,229	30,000	123,827	847,700	59
1988	1,090,164	10,799	1,100,963	1,100,960	30,000	115,381	960,866	3
1989	1,047,019	9,094	1,056,113	1,056,107	29,000	120,961	921,692	6
1990	1,009,795	3,906	1,013,701	1,013,700	40,000	100,546	873,154	1
1991	1,141,381	11,834	1,153,215	1,153,215	42,000	118,636	992,579	0
1992	1,161,270	10,889	1,172,159	1,172,113	47,100	115,381	1,009,632	45
1993	1,233,559	9,799	1,243,358	1,243,332	54,900	120,961	1,067,471	26
1994	1,246,223	11,749	1,257,972	1,257,910	52,200	124,230	1,081,480	62
1995	1,241,987	7,622	1,249,609	1,249,494	64,900	123,827	1,060,767	115
1996	1,235,872	9,315	1,245,187	1,245,046	70,700	124,099	1,050,247	141
1997	1,328,935	12,373	1,341,308	1,341,171	77,000	133,860	1,130,311	138
1998	1,461,153	11,883	1,473,036	1,472,754	nd	nd	nd	282
1999	1,634,934	7,803	1,642,737	1,642,385	nd	nd	nd	352
2000	1,749,500	nd	1,749,500	1,749,500	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 15.2

México: Balance interno de huevo

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	141,224	141,253	-29
1962	152,000	152,031	-31
1963	177,000	176,926	74
1964	176,000	176,005	-5
1965	203,000	203,004	-4
1966	227,000	225,828	1,172
1967	274,000	274,022	-22
1968	276,000	276,028	-28
1969	309,000	309,002	-2
1970	342,968	342,959	9
1971	349,600	348,133	1,467
1972	401,256	401,272	-16
1973	405,948	405,976	-28
1974	387,821	387,850	-29
1975	424,358	424,369	-11
1976	459,151	458,430	721
1977	508,760	507,283	1,477
1978	553,707	553,807	-100
1979	600,583	604,718	-4,135
1980	644,427	646,949	-2,522
1981	663,759	666,604	-2,845
1982	690,310	702,626	-12,316
1983	715,259	716,361	-1,102
1984	740,365	740,474	-109
1985	826,440	825,522	918
1986	997,802	997,567	235
1987	975,029	975,229	-200
1988	1,090,164	1,100,960	-10,796
1989	1,047,019	1,056,107	-9,088
1990	1,009,795	1,013,700	-3,905
1991	1,141,381	1,153,215	-11,834
1992	1,161,270	1,172,113	-10,843
1993	1,233,559	1,243,332	-9,773
1994	1,246,223	1,257,910	-11,687
1995	1,241,987	1,249,494	-7,507
1996	1,235,872	1,245,046	-9,174
1997	1,328,935	1,341,171	-12,236
1998	1,461,153	1,472,754	-11,601
1999	1,634,934	1,642,385	-7,451
2000	1,749,500	1,749,500	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 15.3

México: Producción y consumo de huevo

(Kilogramos)

Año	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	3.8996	3.9004	-0.0008
1962	37,486,139	4.0548	4.0557	-0.0008
1963	38,800,538	4.5618	4.5599	0.0019
1964	40,147,986	4.3838	4.3839	-0.0001
1965	41,535,828	4.8873	4.8874	-0.0001
1966	42,955,469	5.2845	5.2573	0.0273
1967	44,397,880	6.1715	6.1720	-0.0005
1968	45,859,633	6.0184	6.0190	-0.0006
1969	47,337,557	6.5276	6.5276	0.0000
1970	48,852,306	7.0205	7.0203	0.0002
1971	50,393,091	6.9375	6.9083	0.0291
1972	51,948,772	7.7241	7.7244	-0.0003
1973	53,517,788	7.5853	7.5858	-0.0005
1974	55,104,832	7.0379	7.0384	-0.0005
1975	56,687,703	7.4859	7.4861	-0.0002
1976	58,291,820	7.8768	7.8644	0.0124
1977	59,900,617	8.4934	8.4687	0.0247
1978	61,527,486	8.9993	9.0010	-0.0016
1979	63,161,213	9.5087	9.5742	-0.0655
1980	64,788,572	9.9466	9.9855	-0.0389
1981	66,425,164	9.9926	10.0354	-0.0428
1982	68,081,155	10.1395	10.3204	-0.1809
1983	69,744,148	10.2555	10.2713	-0.0158
1984	71,421,164	10.3662	10.3677	-0.0015
1985	73,112,440	11.3037	11.2015	0.0126
1986	74,817,783	13.3364	13.2745	0.0031
1987	76,536,428	12.7394	12.7265	-0.0026
1988	78,266,888	13.9288	14.0896	-0.1379
1989	80,019,134	13.0846	13.2544	-0.1136
1990	81,781,347	12.3475	12.3952	-0.0477
1991	83,554,530	13.6603	13.8019	-0.1416
1992	85,348,102	13.6063	13.7333	-0.1270
1993	87,117,464	14.1597	14.2719	-0.1122
1994	88,863,239	14.0241	14.1556	-0.1315
1995	90,578,718	13.7117	13.7946	-0.0829
1996	92,228,065	13.4002	13.4996	-0.0995
1997	93,813,963	14.1656	14.2961	-0.1304
1998	95,326,450	15.3279	15.4496	-0.1217
1999	96,714,391	16.9048	16.9818	-0.0770
2000	97,925,896	17.8656	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 15.4

México: Oferta y demanda total de huevo

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA				
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+h)	Consumo aparente total (d = e+f+g)	Incubación (e)	Desperdicios (f)	Alimentación (g)	Exportaciones (h)
1961	99.97	0.03	100.00	99.99	4.00	10.00	85.99	0.01
1962	99.98	0.02	100.00	100.00	4.00	10.00	86.00	0.00
1963	99.99	0.01	100.00	99.95	3.98	10.01	85.97	0.05
1964	100.00	0.00	100.00	100.00	4.00	10.00	86.00	0.00
1965	100.00	0.00	100.00	100.00	4.00	10.00	86.00	0.00
1966	100.00	0.00	100.00	99.48	4.02	10.05	85.48	0.52
1967	99.99	0.01	100.00	100.00	3.66	10.00	86.34	0.00
1968	99.99	0.01	100.00	100.00	3.80	10.00	86.20	0.00
1969	100.00	0.00	100.00	100.00	3.56	10.00	86.44	0.00
1970	100.00	0.00	100.00	100.00	3.60	10.00	86.40	0.00
1971	99.99	0.01	100.00	99.58	4.02	10.04	85.57	0.42
1972	100.00	0.00	100.00	100.00	3.81	10.00	86.19	0.00
1973	99.99	0.01	100.00	100.00	3.87	10.00	86.13	0.00
1974	99.99	0.01	100.00	100.00	4.51	10.00	85.49	0.00
1975	99.99	0.01	100.00	99.99	4.01	10.00	85.99	0.01
1976	99.97	0.03	100.00	99.82	4.07	10.02	85.75	0.18
1977	99.96	0.04	100.00	99.67	4.13	10.03	85.56	0.33
1978	99.96	0.04	100.00	99.98	4.07	10.00	85.91	0.02
1979	99.31	0.69	100.00	100.00	4.30	9.99	85.71	0.00
1980	99.61	0.39	100.00	100.00	3.99	10.00	86.01	0.00
1981	99.57	0.43	100.00	100.00	4.01	10.00	86.00	0.00
1982	98.24	1.76	100.00	100.00	4.13	10.00	85.87	0.00
1983	99.84	0.16	100.00	99.99	4.19	10.00	85.80	0.01
1984	99.99	0.01	100.00	100.00	3.78	10.00	86.22	0.00
1985	99.99	0.01	100.00	99.88	3.88	10.01	86.00	0.12
1986	100.00	0.00	100.00	99.97	4.01	10.00	85.96	0.03
1987	99.97	0.03	100.00	99.99	3.08	10.00	86.92	0.01
1988	99.02	0.98	100.00	100.00	2.72	10.00	87.28	0.00
1989	99.14	0.86	100.00	100.00	2.75	9.98	87.27	0.00
1990	99.61	0.39	100.00	100.00	3.95	9.92	86.14	0.00
1991	98.97	1.03	100.00	100.00	3.64	10.29	86.07	0.00
1992	99.07	0.93	100.00	100.00	4.02	9.84	86.13	0.00
1993	99.21	0.79	100.00	100.00	4.42	9.73	85.85	0.00
1994	99.07	0.93	100.00	100.00	4.15	9.88	85.97	0.00
1995	99.39	0.61	100.00	99.99	5.19	9.91	84.89	0.01
1996	99.25	0.75	100.00	99.99	5.68	9.97	84.34	0.01
1997	99.08	0.92	100.00	99.99	5.74	9.98	84.27	0.01
1998	99.19	0.81	100.00	99.98	nd	nd	nd	0.02
1999	99.53	0.47	100.00	99.98	nd	nd	nd	0.02
2000	nd	nd	100.00	nd	nd	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1993, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 16.1

México: Oferta y demanda total de Leche Entera

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA				
	Producción	Importaciones	(c = a+b) (c = d+h)	Consumo aparente total	Desperdicios [1]	Transformación	Alimentación	Exportaciones
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)
1961	2,502,000	162,687	2,664,687	2,664,657	125,101	763,000	1,776,556	30
1962	2,464,000	277,395	2,741,395	2,741,395	123,202	798,000	1,820,193	0
1963	2,424,475	319,648	2,744,123	2,744,123	121,225	850,000	1,772,898	0
1964	2,456,687	267,938	2,724,625	2,724,325	122,836	807,980	1,793,509	300
1965	2,530,798	164,600	2,695,398	2,695,298	126,540	853,620	1,715,138	100
1966	3,437,000	202,992	3,639,992	3,638,172	171,850	895,000	2,571,322	1,820
1967	3,646,482	290,947	3,937,429	3,937,429	182,324	962,000	2,793,105	0
1968	3,740,754	256,267	3,997,021	3,997,011	187,038	966,710	2,843,263	10
1969	3,930,460	313,516	4,243,976	4,243,966	196,523	1,034,140	3,013,303	10
1970	4,112,528	76,417	4,188,945	4,188,885	205,626	1,096,000	2,885,259	61
1971	4,282,700	517,797	4,800,497	4,791,519	214,135	1,128,000	3,449,384	8,978
1972	5,299,590	550,304	5,849,894	5,849,815	264,998	1,139,690	4,445,127	79
1973	5,623,930	540,938	6,164,869	6,160,374	281,228	1,165,200	4,713,946	4,495
1974	5,964,150	942,113	6,906,263	6,906,193	298,279	1,200,440	5,407,474	70
1975	6,235,710	258,873	6,494,583	6,493,385	311,842	1,281,480	4,900,063	1,198
1976	6,344,238	45,919	6,390,157	6,390,157	317,240	1,341,600	4,731,317	0
1977	6,636,120	693,221	7,329,341	7,329,151	331,822	1,327,400	5,669,929	190
1978	6,978,240	632,018	7,610,258	7,610,155	348,964	1,433,000	5,828,191	103
1979	7,121,110	773,151	7,894,261	7,894,241	356,122	1,438,000	6,100,119	20
1980	7,231,890	2,532,024	9,763,914	9,763,606	361,759	1,323,000	8,078,846	309
1981	7,365,140	170,674	7,535,814	7,535,212	368,483	1,390,000	5,776,729	602
1982	7,440,860	116,480	7,557,340	7,557,273	372,202	1,455,000	5,730,071	67
1983	7,275,480	1,092,181	8,367,661	8,367,661	364,014	1,405,000	6,598,647	0
1984	7,140,525	1,130,943	8,271,468	8,271,469	357,540	1,430,000	6,483,929	0
1985	7,474,350	99,502	7,573,852	7,573,824	374,347	1,470,000	5,729,477	28
1986	6,906,323	1,717,740	8,624,063	8,624,063	345,973	1,406,800	6,871,290	0
1987	6,541,971	94,792	6,636,763	6,636,694	327,402	1,671,000	4,638,292	69
1988	6,475,598	1,484,511	7,960,109	7,959,891	324,225	1,656,000	5,979,666	218
1989	5,876,850	2,205,139	8,081,989	8,081,905	294,663	1,615,000	6,172,242	84
1990	6,141,545	2,857,800	8,999,345	8,999,300	323,878	1,777,000	6,898,422	45
1991	6,717,115	593,822	7,310,937	7,300,533	354,708	1,603,000	5,342,826	10,404
1992	6,966,210	2,035,570	9,001,780	8,997,906	369,117	2,047,000	6,581,789	3,874
1993	7,404,078	2,144,485	9,548,563	9,524,688	392,321	1,810,920	7,321,447	23,875
1994	7,320,213	1,566,482	8,886,695	8,824,745	388,654	1,891,950	6,544,141	61,950
1995	7,398,598	1,249,676	8,648,274	8,629,168	390,193	1,852,910	6,386,066	19,106
1996	7,586,422	1,451,945	9,038,367	9,018,015	399,393	1,862,320	6,756,302	20,352
1997	7,848,105	1,602,481	9,450,586	9,413,539	412,762	1,930,400	7,070,377	37,047
1998	8,315,711	1,334,551	9,650,262	9,640,920	nd	nd	nd	9,342
1999	8,895,175	1,363,404	10,258,579	10,252,500	nd	nd	nd	6,079
2000	nd	nd	nd	nd	nd	nd	nd	nd

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 16.2

México: Balance interno de leche entera

(Toneladas)

	Producción	Consumo aparente total	Balance interno
1961	2,502,000	2,664,657	-162,657
1962	2,464,000	2,741,395	-277,395
1963	2,424,475	2,744,123	-319,648
1964	2,456,687	2,724,325	-267,638
1965	2,530,798	2,695,298	-164,500
1966	3,437,000	3,638,172	-201,172
1967	3,646,482	3,937,429	-290,947
1968	3,740,754	3,997,011	-256,257
1969	3,930,460	4,243,966	-313,506
1970	4,112,528	4,188,885	-76,357
1971	4,282,700	4,791,519	-508,819
1972	5,299,590	5,849,815	-550,225
1973	5,623,930	6,160,374	-536,444
1974	5,964,150	6,906,193	-942,043
1975	6,235,710	6,493,385	-257,675
1976	6,344,238	6,390,157	-45,919
1977	6,636,120	7,329,151	-693,031
1978	6,978,240	7,610,155	-631,915
1979	7,121,110	7,894,241	-773,131
1980	7,231,890	9,763,605	-2,531,715
1981	7,365,140	7,535,212	-170,072
1982	7,440,860	7,557,273	-116,413
1983	7,275,480	8,367,661	-1,092,181
1984	7,140,525	8,271,468	-1,130,943
1985	7,474,350	7,573,824	-99,474
1986	6,906,323	8,624,063	-1,717,740
1987	6,541,971	6,636,694	-94,723
1988	6,475,598	7,959,891	-1,484,293
1989	5,876,850	8,081,905	-2,205,055
1990	6,141,545	8,999,300	-2,857,755
1991	6,717,115	7,300,533	-583,418
1992	6,966,210	8,997,906	-2,031,696
1993	7,404,078	9,524,688	-2,120,610
1994	7,320,213	8,824,745	-1,504,532
1995	7,398,598	8,629,168	-1,230,570
1996	7,586,422	9,018,015	-1,431,593
1997	7,848,105	9,413,539	-1,565,434
1998	8,315,711	9,640,920	-1,325,209
1999	8,895,175	10,252,500	-1,357,325
2000	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 16.3

México: Producción y consumo de leche entera

(Kilogramos)

	Población Nacional	Producción /población	Consumo aparente/población	Balance interno/población
1961	36,214,784	69.0878	73.5793	-4.4915
1962	37,486,139	65.7310	73.1309	-7.3999
1963	38,800,538	62.4856	70.7238	-8.2382
1964	40,147,986	61.1908	67.8571	-6.6663
1965	41,535,828	60.9305	64.8909	-3.9604
1966	42,955,469	80.0131	84.6964	-4.6833
1967	44,397,880	82.1319	88.6851	-6.5532
1968	45,869,633	81.5696	87.1575	-5.5879
1969	47,337,557	83.0305	89.6533	-6.6228
1970	48,862,306	84.1829	85.7459	-1.5630
1971	50,393,091	84.9859	95.0829	-10.0970
1972	51,948,772	102.0157	112.6074	-10.5917
1973	53,517,788	105.0852	115.1089	-10.0237
1974	55,104,832	108.2328	125.3283	-17.0956
1975	56,687,703	110.0011	114.5466	-4.5455
1976	58,291,820	108.8358	109.6236	-0.7877
1977	59,900,617	110.7865	122.3552	-11.5697
1978	61,527,486	113.4166	123.6871	-10.2705
1979	63,161,213	112.7450	124.9856	-12.2406
1980	64,788,572	111.6229	150.6995	-39.0766
1981	66,425,164	110.8788	113.4391	-2.5604
1982	68,081,155	109.2940	111.0039	-1.7099
1983	69,744,148	104.3167	119.9765	-15.6598
1984	71,421,164	99.9777	115.8126	-15.8348
1985	73,112,440	102.2309	103.5915	-1.3606
1986	74,817,783	92.3086	115.2676	-22.9590
1987	76,536,428	85.4753	86.7129	-1.2376
1988	78,266,888	82.7374	101.7019	-18.9646
1989	80,019,134	73.4431	100.9997	-27.5566
1990	81,781,347	75.0971	110.0410	-34.9438
1991	83,564,530	80.3920	87.3745	-6.9825
1992	85,348,102	81.6211	105.4260	-23.8048
1993	87,117,464	84.9896	109.3316	-24.3420
1994	88,863,239	82.3762	99.3070	-16.9309
1995	90,578,718	81.6814	95.2671	-13.5856
1996	92,228,065	82.2572	97.7795	-15.5223
1997	93,813,963	83.6560	100.3426	-16.6866
1998	95,326,450	87.2340	101.1358	-13.9018
1999	96,714,391	91.9736	106.0080	-14.0344
2000	97,925,896	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 16.4

México: Oferta y demanda total de leche entera

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA				
	Producción	Importaciones	(c = a+b) (c = d+h-i)	Consumo aparente total	Semillas	Desperdicios y	Alimentación	Exportaciones
	(a)	(b)		(d= e+f+g)	(e)	(f)	(g)	(h)
1961	93.89	6.11	100.00	100.00	4.69	28.63	66.67	0.00
1962	89.88	10.12	100.00	100.00	4.49	29.11	66.40	0.00
1963	88.35	11.65	100.00	100.00	4.42	30.98	64.61	0.00
1964	90.17	9.83	100.00	99.99	4.51	29.66	65.83	0.01
1965	93.89	6.11	100.00	100.00	4.69	31.67	63.63	0.00
1966	94.42	5.58	100.00	99.95	4.72	24.60	70.64	0.05
1967	92.61	7.39	100.00	100.00	4.63	24.43	70.94	0.00
1968	93.59	6.41	100.00	100.00	4.68	24.19	71.13	0.00
1969	92.61	7.39	100.00	100.00	4.63	24.37	71.00	0.00
1970	98.18	1.82	100.00	100.00	4.91	26.21	68.88	0.00
1971	89.21	10.79	100.00	99.81	4.47	23.54	71.85	0.19
1972	90.59	9.41	100.00	100.00	4.53	19.48	75.99	0.00
1973	91.23	8.77	100.00	99.93	4.57	18.91	76.46	0.07
1974	86.36	13.64	100.00	100.00	4.32	17.38	78.30	0.00
1975	96.01	3.99	100.00	99.98	4.80	19.74	75.45	0.02
1976	99.28	0.72	100.00	100.00	4.96	20.99	74.04	0.00
1977	90.54	9.46	100.00	100.00	4.53	18.11	77.36	0.00
1978	91.70	8.30	100.00	100.00	4.59	18.83	76.58	0.00
1979	90.21	9.79	100.00	100.00	4.51	18.22	77.27	0.00
1980	74.07	25.93	100.00	100.00	3.71	13.55	82.74	0.00
1981	97.74	2.26	100.00	99.99	4.89	18.45	76.66	0.01
1982	98.46	1.54	100.00	100.00	4.93	19.25	75.82	0.00
1983	86.95	13.05	100.00	100.00	4.35	16.79	78.86	0.00
1984	86.33	13.67	100.00	100.00	4.32	17.29	78.39	0.00
1985	98.69	1.31	100.00	100.00	4.94	19.41	75.65	0.00
1986	80.08	19.92	100.00	100.00	4.01	16.31	79.68	0.00
1987	98.57	1.43	100.00	100.00	4.93	25.18	69.89	0.00
1988	81.35	18.65	100.00	100.00	4.07	20.80	75.12	0.00
1989	72.72	27.28	100.00	100.00	3.65	19.98	76.37	0.00
1990	68.24	31.76	100.00	100.00	3.60	19.75	76.65	0.00
1991	91.88	8.12	100.00	99.86	4.86	21.96	73.08	0.14
1992	77.39	22.61	100.00	99.96	4.10	22.75	73.12	0.04
1993	77.54	22.46	100.00	99.75	4.12	19.01	76.68	0.25
1994	82.37	17.63	100.00	99.30	4.40	21.44	73.64	0.70
1995	85.55	14.45	100.00	99.78	4.52	21.47	73.84	0.22
1996	83.94	16.06	100.00	99.77	4.43	20.65	74.75	0.23
1997	83.04	16.96	100.00	99.61	4.38	20.51	74.81	0.39
1998	86.17	13.83	100.00	99.90	nd	nd	nd	0.10
1999	86.71	13.29	100.00	99.94	nd	nd	nd	0.06
2000	nd	nd	100.00	nd	nd	nd	nd	nd

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 17.1

México: Oferta y demanda total de Pescado y Frutos de Mar

(Toneladas)

	OFERTA		OFERTA = DEMANDA	DEMANDA						
Año	Producción	Importaciones	(c = a+b) (c = d+i+j)	Consumo aparente total	Piensos	Transformación	Alimentación	Otros usos	Exportaciones	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g+h)	(e)	(f)	(g)	(h)	(i)	(j)
1961	205,200	64,897	270,097	192,838	97,000	0	95,038	800	77,259	0
1962	195,100	102,874	297,974	221,677	125,000	0	95,877	800	76,297	0
1963	223,300	142,540	365,840	289,224	166,000	0	122,424	800	76,616	0
1964	223,000	176,565	399,565	329,383	200,900	0	127,683	800	70,181	0
1965	236,700	163,533	400,233	338,267	195,500	0	142,067	700	61,966	0
1966	258,200	249,948	508,148	441,487	298,000	0	142,387	1,100	66,662	0
1967	316,400	262,156	578,556	514,758	339,800	0	173,358	1,600	63,798	0
1968	317,700	356,621	674,321	618,397	444,400	0	171,997	2,000	55,923	0
1969	318,000	350,217	668,217	612,127	436,500	0	174,827	1,800	56,090	0
1970	343,985	402,891	746,876	688,850	487,600	0	199,350	1,900	57,826	0
1971	392,400	523,344	915,744	857,617	627,500	0	228,917	1,200	58,127	0
1972	423,087	429,519	852,606	786,174	548,900	0	237,274	0	66,432	0
1973	441,206	71,065	512,271	447,190	195,900	0	251,290	0	65,081	0
1974	396,068	135,793	531,861	468,078	216,183	0	251,895	0	57,376	6,407
1975	460,898	210,329	671,227	601,253	322,392	0	278,861	0	64,117	5,857
1976	490,078	137,776	627,854	560,676	298,996	-350	262,030	0	67,178	0
1977	527,817	60,062	587,879	521,975	259,122	0	262,853	0	65,904	0
1978	786,863	134,029	920,892	844,624	382,962	0	461,662	0	76,268	0
1979	972,397	229,081	1,201,478	1,133,331	549,241	0	584,090	0	68,147	0
1980	1,246,718	153,648	1,400,366	1,341,685	633,273	0	705,612	2,800	69,311	-10,630
1981	1,605,845	134,744	1,740,589	1,618,760	651,798	0	965,245	1,717	60,889	60,940
1982	1,396,107	157,353	1,553,460	1,495,842	645,888	0	848,954	1,000	57,607	11
1983	1,060,850	41,105	1,101,955	1,049,948	361,753	0	687,993	202	52,018	-11
1984	1,104,535	100,985	1,205,520	1,136,634	380,934	0	751,897	3,803	44,521	24,365
1985	1,221,988	24,735	1,246,723	1,169,825	414,505	0	753,585	1,735	75,916	982
1986	1,312,568	28,905	1,341,473	1,224,326	446,980	0	775,962	1,384	118,048	-900
1987	1,416,235	16,325	1,432,560	1,296,604	454,228	0	841,067	1,309	136,035	-80
1988	1,369,422	136,214	1,505,636	1,375,501	493,942	0	875,082	6,477	211,279	-81,144
1989	1,467,236	224,619	1,691,855	1,553,897	660,048	0	886,048	7,801	207,967	-69,609
1990	1,447,143	65,366	1,512,509	1,304,000	197,472	61,331	1,043,610	1,587	152,867	56,642
1991	1,453,276	60,342	1,513,618	1,295,000	384,710	53,929	854,685	1,678	137,775	80,843
1992	1,246,425	83,764	1,330,189	1,219,000	220,441	61,548	935,689	1,322	117,432	-6,243
1993	1,191,600	138,073	1,329,673	1,401,000	164,632	60,416	1,175,300	652	118,519	-189,846
1994	1,260,019	154,473	1,414,492	1,401,000	217,116	36,706	1,146,735	443	87,435	-73,943
1995	1,404,384	116,768	1,521,152	1,171,000	320,509	49,206	800,998	287	190,357	159,795
1996	1,530,023	97,552	1,627,575	1,082,000	337,471	34,496	709,645	388	261,523	284,052
1997	1,570,586	102,831	1,673,417	1,228,000	354,934	41,974	830,748	344	240,855	204,562
1998	1,233,292	61,786	1,295,078	1,031,000	260,902	12,443	757,435	220	164,799	99,279
1999	1,286,107	119,715	1,405,822	1,109,000	264,250	32,090	812,088	572	193,738	103,084
2000	1,402,832	117,951	1,520,783	1,119,000	299,176	24,772	794,482	570	179,482	222,301

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo positivo se contabiliza como un consumo efectuado y se suma al total. Con signo negativo se considera un consumo futuro y se resta.

** Distribución del consumo en base al sexto informe de gobierno.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 17.2

México: Balance interno de Pescado y Frutos de Mar

(Toneladas)

Año	Producción	Consumo aparente total	Balance interno
1961	205,200	192,838	12,362.0
1962	195,100	221,677	-26,577.0
1963	223,300	289,224	-65,924.0
1964	223,000	329,383	-106,383.0
1965	236,700	338,267	-101,567.0
1966	258,200	441,487	-183,287.0
1967	316,400	514,758	-198,358.0
1968	317,700	618,397	-300,697.0
1969	318,000	612,127	-294,127.0
1970	343,985	688,850	-344,865.0
1971	392,400	857,617	-465,217.0
1972	423,087	786,174	-363,087.0
1973	441,206	447,190	-5,984.0
1974	396,068	468,078	-72,010.0
1975	460,898	601,253	-140,355.0
1976	490,078	560,676	-70,598.0
1977	527,817	521,976	5,841.0
1978	786,863	844,624	-57,761.0
1979	972,397	1,133,331	-160,934.0
1980	1,246,718	1,341,685	-94,967.0
1981	1,605,845	1,618,760	-12,915.0
1982	1,396,107	1,495,842	-99,735.0
1983	1,060,850	1,049,948	10,902.0
1984	1,104,535	1,136,634	-32,099.0
1985	1,221,988	1,169,825	52,163.0
1986	1,312,568	1,224,326	88,242.0
1987	1,416,235	1,296,604	119,631.0
1988	1,369,422	1,375,501	-6,079.0
1989	1,467,236	1,553,897	-86,661.0
1990	1,447,143	1,304,000	143,143.0
1991	1,453,276	1,295,000	158,276.0
1992	1,246,425	1,219,000	27,425.0
1993	1,191,600	1,401,000	-209,400.0
1994	1,260,019	1,401,000	-140,981.0
1995	1,404,384	1,171,000	233,384.0
1996	1,530,023	1,082,000	448,023.0
1997	1,570,586	1,228,000	342,586.0
1998	1,233,292	1,031,000	202,292.0
1999	1,286,107	1,109,000	177,107.0
2000	1,402,832	1,119,000	283,832.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 17.3

México: Producción y consumo de Pescado y Frutos de Mar por habitante

(Kilogramos)

Año	Población Nacional	Producción /Población	Consumo aparente/población	Balance interno/población
1961	36,214,784	5.6862	6.3248	0.3414
1962	37,486,139	5.2046	5.9136	-0.7090
1963	38,800,538	5.7551	7.4541	-1.6990
1964	40,147,986	5.5545	8.2042	-2.6498
1965	41,535,828	5.6967	8.1440	-2.4453
1966	42,955,469	6.0109	10.2778	-4.2669
1967	44,397,880	7.1265	11.5942	-4.4677
1968	45,859,633	6.9277	13.4846	-6.5569
1969	47,337,557	6.7177	12.9311	-6.2134
1970	48,852,306	7.0413	14.1007	-7.0593
1971	50,393,091	7.7868	17.0185	-9.2318
1972	51,948,772	8.1443	15.1336	-6.9893
1973	53,517,788	8.2441	8.3659	-0.1118
1974	55,104,832	7.1875	8.4943	-1.3068
1975	56,687,703	8.1305	10.6064	-2.4759
1976	58,291,820	8.4073	9.6184	-1.2111
1977	59,900,617	8.8115	8.7140	0.0975
1978	61,527,486	12.7888	13.7276	-0.9388
1979	63,161,213	15.3956	17.9435	-2.5480
1980	64,788,572	19.2429	20.7087	-1.4658
1981	66,425,164	24.1753	24.3697	-0.1944
1982	68,081,155	20.5065	21.9715	-1.4649
1983	69,744,148	15.2106	15.0543	0.1563
1984	71,421,164	15.4651	15.9145	-0.4494
1985	73,112,440	16.7138	16.0004	0.7135
1986	74,817,783	17.5435	16.3641	1.1794
1987	76,536,428	18.5041	16.9410	1.5631
1988	78,266,888	17.4968	17.5745	-0.0777
1989	80,019,134	18.3361	19.4191	-1.0830
1990	81,781,347	17.6953	15.9450	1.7503
1991	83,554,530	17.3931	15.4989	1.8943
1992	85,348,102	14.6040	14.2827	0.3213
1993	87,117,464	13.6781	16.0817	-2.4037
1994	88,863,239	14.1793	15.7658	-1.5865
1995	90,578,718	15.5046	12.9280	2.5766
1996	92,228,066	16.5896	11.7318	4.8578
1997	93,813,963	16.7415	13.0897	3.6518
1998	95,326,450	12.9376	10.8155	2.1221
1999	96,714,391	13.2980	11.4668	1.8312
2000	97,925,896	14.3254	11.4270	2.8984

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 17.4

México: Oferta y demanda total de Pescado y Frutos de Mar

(Porcentaje)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA						
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+j-k)	Consumo aparente total (d = e+f+g+h+i)	Piensos (e)	Transformación (f)	Alimentación (g)	Otros usos (h)	Exportaciones (j)	Cambio en las existencias [1]* (k)
1961	75.97	24.03	100.00	71.40	50.30	0.00	49.28	0.41	28.60	0.00
1962	65.48	34.52	100.00	74.39	56.39	0.00	43.25	0.36	25.61	0.00
1963	61.04	38.96	100.00	79.06	57.39	0.00	42.33	0.28	20.94	0.00
1964	55.81	44.19	100.00	82.44	60.99	0.00	38.76	0.24	17.56	0.00
1965	59.14	40.86	100.00	84.52	57.79	0.00	42.00	0.21	15.48	0.00
1966	50.81	49.19	100.00	86.88	67.50	0.00	32.25	0.25	13.12	0.00
1967	54.69	45.31	100.00	88.97	66.01	0.00	33.68	0.31	11.03	0.00
1968	47.11	52.89	100.00	91.71	71.86	0.00	27.81	0.32	8.29	0.00
1969	47.59	52.41	100.00	91.61	71.15	0.00	28.56	0.29	8.39	0.00
1970	46.07	53.93	100.00	92.26	70.78	0.00	28.94	0.28	7.74	0.00
1971	42.85	57.15	100.00	93.65	73.17	0.00	26.69	0.14	6.35	0.00
1972	49.62	50.38	100.00	92.21	69.82	0.00	30.18	0.00	7.79	0.00
1973	86.13	13.87	100.00	87.30	43.81	0.00	56.19	0.00	12.70	0.00
1974	74.47	25.53	100.00	88.01	46.19	0.00	53.81	0.00	10.79	1.20
1975	68.66	31.34	100.00	89.58	53.62	0.00	46.38	0.00	9.55	0.87
1976	78.06	21.94	100.00	89.30	53.33	-0.06	46.73	0.00	10.70	0.00
1977	89.78	10.22	100.00	88.79	49.64	0.00	50.36	0.00	11.21	0.00
1978	85.45	14.55	100.00	91.72	45.34	0.00	54.66	0.00	8.28	0.00
1979	80.93	19.07	100.00	94.33	48.46	0.00	51.54	0.00	5.67	0.00
1980	89.03	10.97	100.00	95.81	47.20	0.00	52.59	0.21	4.95	-0.76
1981	92.26	7.74	100.00	93.00	40.27	0.00	59.63	0.11	3.50	3.50
1982	89.87	10.13	100.00	96.29	43.18	0.00	56.75	0.07	3.71	0.00
1983	96.27	3.73	100.00	95.28	34.45	0.00	65.53	0.02	4.72	0.00
1984	91.62	8.38	100.00	94.29	33.51	0.00	66.15	0.33	3.69	2.02
1985	98.02	1.98	100.00	93.83	35.43	0.00	64.42	0.15	6.09	0.08
1986	97.85	2.15	100.00	91.27	36.51	0.00	63.38	0.11	8.80	-0.07
1987	98.86	1.14	100.00	90.51	35.03	0.00	64.87	0.10	9.50	-0.01
1988	90.95	9.05	100.00	91.36	35.91	0.00	63.62	0.47	14.03	-5.39
1989	86.72	13.28	100.00	91.85	42.48	0.00	57.02	0.50	12.27	-4.11
1990	95.68	4.32	100.00	88.21	15.14	4.70	80.03	0.12	10.11	3.68
1991	96.01	3.99	100.00	85.56	29.71	4.16	66.00	0.13	9.10	5.34
1992	93.70	6.30	100.00	91.64	18.08	5.05	76.76	0.11	8.83	-0.47
1993	89.62	10.38	100.00	105.38	11.75	4.31	83.89	0.05	8.91	-14.28
1994	89.08	10.92	100.00	99.05	15.50	2.62	81.85	0.03	6.18	-5.23
1995	92.32	7.68	100.00	76.98	27.37	4.20	68.40	0.02	12.51	10.50
1996	94.01	5.99	100.00	66.48	31.19	3.19	65.59	0.04	16.07	17.45
1997	93.86	6.14	100.00	73.38	28.90	3.42	67.65	0.03	14.39	12.22
1998	95.23	4.77	100.00	79.61	25.31	1.21	73.47	0.02	12.73	7.67
1999	91.48	8.52	100.00	78.89	23.83	2.89	73.23	0.05	13.78	7.33
2000	92.24	7.76	100.00	73.58	26.74	2.21	71.00	0.05	11.80	14.62

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

FORESTAL

CUADRO 18.1

México: Oferta y demanda total de Combustible de leña

(Metros cúbicos)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo (d)	Exportaciones (e)
1961	6,336,000	8,400	6,344,400	6,328,000	16,400
1962	6,533,000	8,000	6,541,000	6,527,500	13,500
1963	6,739,000	12,600	6,751,600	6,751,600	0
1964	6,952,000	6,600	6,958,600	6,956,900	1,700
1965	7,175,000	3,500	7,178,500	7,178,500	0
1966	7,406,000	900	7,406,900	7,406,900	0
1967	7,645,000	500	7,645,500	7,645,500	0
1968	7,892,000	1,300	7,893,300	7,892,500	800
1969	8,149,000	300	8,149,300	8,147,500	1,800
1970	8,413,000	400	8,413,400	8,413,400	0
1971	8,686,000	6,000	8,692,000	8,692,000	0
1972	8,966,000	5,900	8,971,900	8,971,900	0
1973	9,252,000	3,500	9,255,500	9,255,500	0
1974	9,539,000	1,100	9,540,100	9,540,100	0
1975	9,828,000	500	9,828,500	9,828,000	500
1976	10,114,000	700	10,114,700	10,114,600	100
1977	10,399,000	0	10,399,000	10,398,900	100
1978	10,682,000	0	10,682,000	10,681,400	600
1979	10,961,000	0	10,961,000	10,958,900	2,100
1980	11,236,000	0	11,236,000	11,234,600	1,400
1981	11,505,000	2,300	11,507,300	11,505,700	1,600
1982	11,771,000	800	11,771,800	11,769,100	2,700
1983	12,032,000	800	12,032,800	12,031,800	1,000
1984	12,291,000	2,600	12,293,600	12,288,900	4,700
1985	12,549,000	2,500	12,551,500	12,548,700	2,800
1986	12,807,000	2,500	12,809,500	12,806,700	2,800
1987	13,064,000	2,500	13,066,500	13,063,700	2,800
1988	13,321,000	2,500	13,323,500	13,320,700	2,800
1989	13,579,000	2,500	13,581,500	13,578,700	2,800
1990	13,839,000	12,000	13,851,000	13,842,600	8,400
1991	14,101,000	11,400	14,112,400	14,108,600	3,800
1992	14,365,000	11,000	14,376,000	14,372,565	3,435
1993	14,630,000	5,480	14,635,480	14,634,080	1,400
1994	14,894,000	8,500	14,902,500	14,900,000	2,500
1995	15,157,000	6,900	15,163,900	15,163,200	700
1996	15,418,000	500	15,418,500	15,413,200	5,300
1997	15,678,000	100	15,678,100	15,672,400	5,700
1998	15,935,000	100	15,935,100	15,930,200	4,900
1999	15,935,000	100	15,935,100	15,930,200	4,900

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 18.2

México: Balance interno de combustible de leña

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	6,336,000	6,328,000	8,000
1962	6,533,000	6,527,500	5,500
1963	6,739,000	6,751,600	-12,600
1964	6,952,000	6,956,900	-4,900
1965	7,175,000	7,178,500	-3,500
1966	7,406,000	7,406,900	-900
1967	7,645,000	7,645,500	-500
1968	7,892,000	7,892,500	-500
1969	8,149,000	8,147,500	1,500
1970	8,413,000	8,413,400	-400
1971	8,686,000	8,692,000	-6,000
1972	8,966,000	8,971,900	-5,900
1973	9,252,000	9,255,500	-3,500
1974	9,539,000	9,540,100	-1,100
1975	9,828,000	9,828,000	0
1976	10,114,000	10,114,600	-600
1977	10,399,000	10,398,900	100
1978	10,682,000	10,681,400	600
1979	10,961,000	10,958,900	2,100
1980	11,236,000	11,234,600	1,400
1981	11,505,000	11,505,700	-700
1982	11,771,000	11,769,100	1,900
1983	12,032,000	12,031,800	200
1984	12,291,000	12,288,900	2,100
1985	12,549,000	12,548,700	300
1986	12,807,000	12,806,700	300
1987	13,064,000	13,063,700	300
1988	13,321,000	13,320,700	300
1989	13,579,000	13,578,700	300
1990	13,839,000	13,842,600	-3,600
1991	14,101,000	14,108,600	-7,600
1992	14,365,000	14,372,565	-7,565
1993	14,630,000	14,634,080	-4,080
1994	14,894,000	14,900,000	-6,000
1995	15,157,000	15,163,200	-6,200
1996	15,418,000	15,413,200	4,800
1997	15,678,000	15,672,400	5,600
1998	15,935,000	15,930,200	4,800
1999	15,935,000	15,930,200	4,800

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 18.3

México: Obtención de leña por hectárea

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos1 Hectáreas	Leña		Obtención de leña		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	6,336,000	6,328,000	10.8178	10.8042	0.0137
1962	58,040,000	6,533,000	6,527,500	11.2560	11.2466	0.0095
1963	57,510,000	6,739,000	6,751,600	11.7180	11.7399	-0.0219
1964	56,980,000	6,952,000	6,956,900	12.2008	12.2094	-0.0086
1965	56,450,000	7,175,000	7,178,500	12.7104	12.7166	-0.0062
1966	55,920,000	7,406,000	7,406,900	13.2439	13.2455	-0.0016
1967	55,390,000	7,645,000	7,645,500	13.8021	13.8030	-0.0009
1968	54,860,000	7,892,000	7,892,500	14.3857	14.3866	-0.0009
1969	54,330,000	8,149,000	8,147,500	14.9991	14.9963	0.0028
1970	53,800,000	8,413,000	8,413,400	15.6375	15.6383	-0.0007
1971	53,270,000	8,686,000	8,692,000	16.3056	16.3169	-0.0113
1972	52,740,000	8,966,000	8,971,900	17.0004	17.0116	-0.0112
1973	52,210,000	9,252,000	9,255,500	17.7207	17.7274	-0.0067
1974	51,680,000	9,539,000	9,540,100	18.4578	18.4599	-0.0021
1975	51,150,000	9,828,000	9,828,000	19.2141	19.2141	0.0000
1976	50,620,000	10,114,000	10,114,600	19.9802	19.9814	-0.0012
1977	50,090,000	10,399,000	10,398,900	20.7606	20.7604	0.0002
1978	49,560,000	10,682,000	10,681,400	21.5537	21.5525	0.0012
1979	48,700,000	10,961,000	10,958,900	22.5072	22.5029	0.0043
1980	47,840,000	11,236,000	11,234,600	23.4866	23.4837	0.0029
1981	47,300,000	11,505,000	11,505,700	24.3235	24.3249	-0.0015
1982	46,770,000	11,771,000	11,769,100	25.1678	25.1638	0.0041
1983	46,240,000	12,032,000	12,031,800	26.0208	26.0203	0.0004
1984	47,000,000	12,291,000	12,288,900	26.1511	26.1466	0.0045
1985	47,000,000	12,549,000	12,548,700	26.7000	26.6994	0.0006
1986	47,000,000	12,807,000	12,806,700	27.2489	27.2483	0.0006
1987	48,000,000	13,064,000	13,063,700	27.2167	27.2160	0.0006
1988	48,000,000	13,321,000	13,320,700	27.7521	27.7515	0.0006
1989	48,000,000	13,579,000	13,578,700	28.2896	28.2890	0.0006
1990	48,695,000	13,839,000	13,842,600	28.4198	28.4271	-0.0074
1991	48,700,000	14,101,000	14,108,600	28.9548	28.9704	-0.0156
1992	48,700,000	14,365,000	14,372,565	29.4969	29.5125	-0.0155
1993	48,700,000	14,630,000	14,634,080	30.0411	30.0494	-0.0084
1994	48,700,000	14,894,000	14,900,000	30.5832	30.5955	-0.0123
1995	48,700,000	15,157,000	15,163,200	31.1232	31.1359	-0.0127
1996	48,700,000	15,418,000	15,413,200	31.6591	31.6493	0.0099
1997	48,700,000	15,678,000	15,672,400	32.1930	32.1815	0.0115
1998	48,700,000	15,935,000	15,930,200	32.7207	32.7109	0.0099
1999	48,700,000	15,935,000	15,930,200	32.7207	32.7109	0.0099

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 19.1

México: Oferta y demanda total de Hojas de Chapa

(Metros cúbicos)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo (d)	Exportaciones (e)
1961	600	100	700	100	600
1962	300	100	400	100	300
1963	300	100	400	200	200
1964	300	100	400	300	100
1965	200	100	300	300	0
1966	300	200	500	500	0
1967	300	100	400	300	100
1968	400	600	1,000	1,000	0
1969	500	400	900	900	0
1970	500	500	1,000	900	100
1971	500	400	900	800	100
1972	500	500	1,000	900	100
1973	4,000	800	4,800	4,700	100
1974	4,000	500	4,500	4,300	200
1975	4,000	400	4,400	4,300	100
1976	7,100	2,300	9,400	9,000	400
1977	6,100	100	6,200	6,100	100
1978	28,000	100	28,100	28,000	100
1979	15,600	2,800	18,400	18,300	100
1980	8,000	13,300	21,300	21,000	300
1981	14,000	10,600	24,600	24,300	300
1982	10,000	5,800	15,800	15,500	300
1983	7,500	5,800	13,300	13,000	300
1984	2,300	5,800	8,100	7,800	300
1985	2,300	5,800	8,100	7,800	300
1986	2,300	5,200	7,500	7,200	300
1987	2,300	3,200	5,500	5,300	200
1988	2,300	7,700	10,000	7,600	2,400
1989	2,300	7,700	10,000	9,700	300
1990	5,000	4,200	9,200	9,100	100
1991	10,000	7,300	17,300	17,200	100
1992	20,000	8,837	28,837	28,581	256
1993	29,000	7,000	36,000	35,700	300
1994	49,000	7,500	56,500	56,400	100
1995	0	21,100	21,100	16,000	5,100
1996	0	8,300	8,300	6,400	1,900
1997	0	19,200	19,200	17,200	2,000
1998	0	27,800	27,800	26,600	1,200
1999	0	27,800	27,800	26,600	1,200

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 19.2

México: Balance interno de Hojas de Chapa

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	600	100	500
1962	300	100	200
1963	300	200	100
1964	300	300	0
1965	200	300	-100
1966	300	500	-200
1967	300	300	0
1968	400	1,000	-600
1969	500	900	-400
1970	500	900	-400
1971	500	800	-300
1972	500	900	-400
1973	4,000	4,700	-700
1974	4,000	4,300	-300
1975	4,000	4,300	-300
1976	7,100	9,000	-1,900
1977	6,100	6,100	0
1978	28,000	28,000	0
1979	15,600	18,300	-2,700
1980	8,000	21,000	-13,000
1981	14,000	24,300	-10,300
1982	10,000	15,500	-5,500
1983	7,500	13,000	-5,500
1984	2,300	7,800	-5,500
1985	2,300	7,800	-5,500
1986	2,300	7,200	-4,900
1987	2,300	5,300	-3,000
1988	2,300	7,600	-5,300
1989	2,300	9,700	-7,400
1990	5,000	9,100	-4,100
1991	10,000	17,200	-7,200
1992	20,000	28,581	-8,581
1993	29,000	35,700	-6,700
1994	49,000	56,400	-7,400
1995	0	16,000	-16,000
1996	0	6,400	-6,400
1997	0	17,200	-17,200
1998	0	26,600	-26,600
1999	0	26,600	-26,600

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 19.3

México: Obtención de Hojas de Chapa por hectárea

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos1 Hectáreas	Hoja de chapa		Obtencióndе hoja de chapa		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	600	100	0.0010	0.0002	0.0009
1962	58,040,000	300	100	0.0005	0.0002	0.0003
1963	57,510,000	300	200	0.0005	0.0003	0.0002
1964	56,980,000	300	300	0.0005	0.0005	0.0000
1965	56,450,000	200	300	0.0004	0.0005	-0.0002
1966	55,920,000	300	500	0.0005	0.0009	-0.0004
1967	55,390,000	300	300	0.0005	0.0005	0.0000
1968	54,860,000	400	1,000	0.0007	0.0018	-0.0011
1969	54,330,000	500	900	0.0009	0.0017	-0.0007
1970	53,800,000	500	900	0.0009	0.0017	-0.0007
1971	53,270,000	500	800	0.0009	0.0015	-0.0006
1972	52,740,000	500	900	0.0009	0.0017	-0.0008
1973	52,210,000	4,000	4,700	0.0077	0.0090	-0.0013
1974	51,680,000	4,000	4,300	0.0077	0.0083	-0.0006
1975	51,150,000	4,000	4,300	0.0078	0.0084	-0.0006
1976	50,620,000	7,100	9,000	0.0140	0.0178	-0.0038
1977	50,090,000	6,100	6,100	0.0122	0.0122	0.0000
1978	49,560,000	28,000	28,000	0.0565	0.0565	0.0000
1979	48,700,000	15,600	18,300	0.0320	0.0376	-0.0055
1980	47,840,000	8,000	21,000	0.0167	0.0439	-0.0272
1981	47,300,000	14,000	24,300	0.0296	0.0514	-0.0218
1982	46,770,000	10,000	15,500	0.0214	0.0331	-0.0118
1983	46,240,000	7,500	13,000	0.0162	0.0281	-0.0119
1984	47,000,000	2,300	7,800	0.0049	0.0166	-0.0117
1985	47,000,000	2,300	7,800	0.0049	0.0166	-0.0117
1986	47,000,000	2,300	7,200	0.0049	0.0153	-0.0104
1987	48,000,000	2,300	5,300	0.0048	0.0110	-0.0063
1988	48,000,000	2,300	7,600	0.0048	0.0158	-0.0110
1989	48,000,000	2,300	9,700	0.0048	0.0202	-0.0154
1990	48,695,000	5,000	9,100	0.0103	0.0187	-0.0084
1991	48,700,000	10,000	17,200	0.0205	0.0353	-0.0148
1992	48,700,000	20,000	28,581	0.0411	0.0587	-0.0176
1993	48,700,000	29,000	35,700	0.0595	0.0733	-0.0138
1994	48,700,000	49,000	56,400	0.1006	0.1158	-0.0152
1995	48,700,000	0	16,000	0.0000	0.0329	-0.0329
1996	48,700,000	0	6,400	0.0000	0.0131	-0.0131
1997	48,700,000	0	17,200	0.0000	0.0353	-0.0353
1998	48,700,000	0	26,600	0.0000	0.0546	-0.0546
1999	48,700,000	0	26,600	0.0000	0.0546	-0.0546

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 20.1

México: Oferta y demanda total de madera aserrada

(Metros cúbicos)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo (d)	Exportaciones (e)
1961	989,000	15,800	1,004,800	960,500	44,300
1962	1,031,000	12,600	1,043,600	998,900	44,700
1963	1,252,000	11,100	1,263,100	1,235,400	27,700
1964	1,473,000	45,700	1,518,700	1,498,500	20,200
1965	1,470,000	54,100	1,524,100	1,504,800	19,300
1966	1,548,000	65,500	1,613,500	1,600,800	12,700
1967	1,645,000	67,000	1,712,000	1,698,900	13,100
1968	1,658,000	99,100	1,757,100	1,729,300	27,800
1969	1,624,000	110,200	1,734,200	1,702,200	32,000
1970	1,572,000	140,300	1,712,300	1,681,900	30,400
1971	1,534,000	143,400	1,677,400	1,640,800	36,600
1972	1,803,000	122,500	1,925,500	1,883,500	42,000
1973	1,938,000	136,400	2,074,400	2,045,600	28,800
1974	2,055,000	134,800	2,189,800	2,182,800	7,000
1975	1,986,000	205,000	2,191,000	2,164,352	26,648
1976	2,147,000	149,000	2,296,000	2,295,762	238
1977	2,259,000	29,300	2,288,300	2,287,200	1,100
1978	2,299,000	29,000	2,328,000	2,327,600	400
1979	2,109,000	156,300	2,265,300	2,263,400	1,900
1980	1,991,000	534,700	2,525,700	2,525,300	400
1981	1,928,000	407,700	2,335,700	2,335,100	600
1982	1,669,000	269,500	1,938,500	1,937,800	700
1983	1,827,000	257,300	2,084,300	2,053,100	31,200
1984	1,975,000	254,500	2,229,500	2,198,300	31,200
1985	2,205,000	285,600	2,490,600	2,465,600	25,000
1986	2,143,000	339,800	2,482,800	2,451,000	31,800
1987	2,410,000	439,800	2,849,800	2,788,500	61,300
1988	2,528,000	714,500	3,242,500	3,052,200	190,300
1989	2,447,000	355,700	2,802,700	2,645,600	157,100
1990	2,366,000	439,900	2,805,900	2,673,100	132,800
1991	2,696,000	626,000	3,322,000	2,951,600	370,400
1992	2,696,000	620,342	3,316,342	2,675,598	640,744
1993	2,560,000	815,400	3,375,400	3,238,591	136,809
1994	2,693,000	998,400	3,691,400	3,505,800	185,600
1995	2,329,000	669,400	2,998,400	2,736,200	262,200
1996	2,543,000	690,300	3,233,300	2,816,000	417,300
1997	2,961,000	964,700	3,925,700	3,507,900	417,800
1998	3,260,000	1,430,100	4,690,100	4,360,100	330,000
1999	3,260,000	1,430,100	4,690,100	4,360,100	330,000

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.
Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 20.2

México: Balance interno de madera aserrada

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	989,000	960,500	28,500
1962	1,031,000	998,900	32,100
1963	1,252,000	1,235,400	16,600
1964	1,473,000	1,498,500	-25,500
1965	1,470,000	1,504,800	-34,800
1966	1,548,000	1,600,800	-52,800
1967	1,645,000	1,698,900	-53,900
1968	1,658,000	1,729,300	-71,300
1969	1,624,000	1,702,200	-78,200
1970	1,572,000	1,681,900	-109,900
1971	1,534,000	1,640,800	-106,800
1972	1,803,000	1,883,500	-80,500
1973	1,938,000	2,045,600	-107,600
1974	2,055,000	2,182,800	-127,800
1975	1,986,000	2,164,352	-178,352
1976	2,147,000	2,295,762	-148,762
1977	2,259,000	2,287,200	-28,200
1978	2,299,000	2,327,600	-28,600
1979	2,109,000	2,263,400	-154,400
1980	1,991,000	2,525,300	-534,300
1981	1,928,000	2,335,100	-407,100
1982	1,669,000	1,937,800	-268,800
1983	1,827,000	2,053,100	-226,100
1984	1,975,000	2,198,300	-223,300
1985	2,205,000	2,465,600	-260,600
1986	2,143,000	2,451,000	-308,000
1987	2,410,000	2,788,500	-378,500
1988	2,528,000	3,052,200	-524,200
1989	2,447,000	2,645,600	-198,600
1990	2,366,000	2,673,100	-307,100
1991	2,696,000	2,951,600	-255,600
1992	2,696,000	2,675,598	20,402
1993	2,560,000	3,238,591	-678,591
1994	2,693,000	3,505,800	-812,800
1995	2,329,000	2,736,200	-407,200
1996	2,543,000	2,816,000	-273,000
1997	2,961,000	3,507,900	-546,900
1998	3,260,000	4,360,100	-1,100,100
1999	3,260,000	4,360,100	-1,100,100

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 20.3

México: Obtención de madera aserrada por hectárea

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos[1] Hectáreas	Madera aserrada		Obtención de madera aserrada		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	989,000	960,500	1.6886	1.6399	0.0487
1962	58,040,000	1,031,000	998,900	1.7764	1.7211	0.0553
1963	57,510,000	1,252,000	1,235,400	2.1770	2.1481	0.0289
1964	56,980,000	1,473,000	1,498,500	2.5851	2.6299	-0.0448
1965	56,450,000	1,470,000	1,504,800	2.6041	2.6657	-0.0616
1966	55,920,000	1,548,000	1,600,800	2.7682	2.8627	-0.0944
1967	55,390,000	1,645,000	1,698,900	2.9699	3.0672	-0.0973
1968	54,860,000	1,658,000	1,729,300	3.0222	3.1522	-0.1300
1969	54,330,000	1,624,000	1,702,200	2.9891	3.1331	-0.1439
1970	53,800,000	1,572,000	1,681,900	2.9219	3.1262	-0.2043
1971	53,270,000	1,534,000	1,640,800	2.8797	3.0802	-0.2005
1972	52,740,000	1,803,000	1,883,500	3.4187	3.5713	-0.1526
1973	52,210,000	1,938,000	2,045,600	3.7119	3.9180	-0.2061
1974	51,680,000	2,055,000	2,182,800	3.9764	4.2237	-0.2473
1975	51,150,000	1,986,000	2,164,352	3.8827	4.2314	-0.3487
1976	50,620,000	2,147,000	2,295,762	4.2414	4.5353	-0.2939
1977	50,090,000	2,259,000	2,287,200	4.5099	4.5662	-0.0563
1978	49,560,000	2,299,000	2,327,600	4.6388	4.6965	-0.0577
1979	48,700,000	2,109,000	2,263,400	4.3306	4.6476	-0.3170
1980	47,840,000	1,991,000	2,525,300	4.1618	5.2786	-1.1168
1981	47,300,000	1,928,000	2,335,100	4.0761	4.9368	-0.8607
1982	46,770,000	1,669,000	1,937,800	3.5685	4.1433	-0.5747
1983	46,240,000	1,827,000	2,053,100	3.9511	4.4401	-0.4890
1984	47,000,000	1,975,000	2,198,300	4.2021	4.6772	-0.4751
1985	47,000,000	2,205,000	2,465,600	4.6915	5.2460	-0.5545
1986	47,000,000	2,143,000	2,451,000	4.5596	5.2149	-0.6553
1987	48,000,000	2,410,000	2,788,500	5.0208	5.8094	-0.7885
1988	48,000,000	2,528,000	3,052,200	5.2667	6.3588	-1.0921
1989	48,000,000	2,447,000	2,645,600	5.0979	5.5117	-0.4138
1990	48,695,000	2,366,000	2,673,100	4.8588	5.4895	-0.6307
1991	48,700,000	2,696,000	2,951,600	5.5359	6.0608	-0.5248
1992	48,700,000	2,696,000	2,675,598	5.5359	5.4940	0.0419
1993	48,700,000	2,560,000	3,238,591	5.2567	6.6501	-1.3934
1994	48,700,000	2,693,000	3,505,800	5.5298	7.1988	-1.6690
1995	48,700,000	2,329,000	2,736,200	4.7823	5.6185	-0.8361
1996	48,700,000	2,543,000	2,816,000	5.2218	5.7823	-0.5606
1997	48,700,000	2,961,000	3,507,900	6.0801	7.2031	-1.1230
1998	48,700,000	3,260,000	4,360,100	6.6940	8.9530	-2.2589
1999	48,700,000	3,260,000	4,360,100	6.6940	8.9530	-2.2589

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 21.1

México: Oferta y demanda total de madera en rollo

(Metros cúbicos)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo (d)	Exportaciones (e)
1961	8,932,000	40,800	8,972,800	8,956,200	16,600
1962	9,763,000	37,200	9,800,200	9,786,600	13,600
1963	10,339,000	34,500	10,373,500	10,372,800	700
1964	10,850,000	17,600	10,867,600	10,864,900	2,700
1965	11,295,000	54,400	11,349,400	11,348,100	1,300
1966	11,159,000	33,700	11,192,700	11,192,700	0
1967	12,222,000	33,100	12,255,100	12,255,100	0
1968	12,564,000	25,400	12,589,400	12,588,600	800
1969	13,061,000	28,100	13,089,100	13,087,300	1,800
1970	13,715,000	57,600	13,772,600	13,772,600	0
1971	13,546,000	32,200	13,578,200	13,578,200	0
1972	14,105,000	11,000	14,116,000	14,116,000	0
1973	14,793,000	14,700	14,807,700	14,807,700	0
1974	15,766,000	7,200	15,773,200	15,773,200	0
1975	16,441,000	15,900	16,456,900	16,455,500	1,400
1976	16,993,000	17,500	17,010,500	16,988,500	22,000
1977	17,394,000	4,600	17,398,600	17,398,500	100
1978	15,764,000	4,600	15,768,600	15,768,000	600
1979	16,991,000	37,100	17,028,100	17,026,000	2,100
1980	17,581,200	67,700	17,648,900	17,647,500	1,400
1981	17,757,600	30,400	17,788,000	17,786,400	1,600
1982	18,297,700	25,100	18,322,800	18,320,100	2,700
1983	18,607,700	25,100	18,632,800	18,631,800	1,000
1984	19,468,000	18,300	19,486,300	19,481,600	4,700
1985	20,022,000	14,100	20,036,100	20,033,300	2,800
1986	19,836,000	12,300	19,848,300	19,845,500	2,800
1987	20,460,000	16,600	20,476,600	20,473,800	2,800
1988	20,582,000	13,000	20,595,000	20,592,200	2,800
1989	21,890,000	13,600	21,903,600	21,900,800	2,800
1990	21,419,000	37,954	21,456,954	21,439,967	16,987
1991	21,300,000	23,748	21,323,748	21,315,125	8,623
1992	21,410,000	22,220	21,432,220	21,422,319	9,901
1993	20,579,000	35,880	20,614,880	20,608,631	6,249
1994	20,943,000	74,100	21,017,100	21,008,851	8,249
1995	21,217,000	50,600	21,267,600	21,244,200	23,400
1996	21,962,000	25,800	21,987,800	21,975,200	12,600
1997	22,991,000	74,400	23,065,400	23,058,300	7,100
1998	23,866,000	22,100	23,888,100	23,882,200	5,900
1999	23,866,000	22,100	23,888,100	23,882,200	5,900

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 21.2

México: Balance interno de madera en rollo

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	8,932,000	8,956,200	-24,200
1962	9,763,000	9,786,600	-23,600
1963	10,339,000	10,372,800	-33,800
1964	10,850,000	10,864,900	-14,900
1965	11,295,000	11,348,100	-53,100
1966	11,159,000	11,192,700	-33,700
1967	12,222,000	12,255,100	-33,100
1968	12,564,000	12,588,600	-24,600
1969	13,061,000	13,087,300	-26,300
1970	13,715,000	13,772,600	-57,600
1971	13,546,000	13,578,200	-32,200
1972	14,105,000	14,116,000	-11,000
1973	14,793,000	14,807,700	-14,700
1974	15,766,000	15,773,200	-7,200
1975	16,441,000	16,455,500	-14,500
1976	16,993,000	16,988,500	4,500
1977	17,394,000	17,398,500	-4,500
1978	15,764,000	15,768,000	-4,000
1979	16,991,000	17,026,000	-35,000
1980	17,581,200	17,647,500	-66,300
1981	17,757,600	17,786,400	-28,800
1982	18,297,700	18,320,100	-22,400
1983	18,607,700	18,631,800	-24,100
1984	19,468,000	19,481,600	-13,600
1985	20,022,000	20,033,300	-11,300
1986	19,836,000	19,845,500	-9,500
1987	20,460,000	20,473,800	-13,800
1988	20,582,000	20,592,200	-10,200
1989	21,890,000	21,900,800	-10,800
1990	21,419,000	21,439,967	-20,967
1991	21,300,000	21,315,125	-15,125
1992	21,410,000	21,422,319	-12,319
1993	20,579,000	20,608,631	-29,631
1994	20,943,000	21,008,851	-65,851
1995	21,217,000	21,244,200	-27,200
1996	21,962,000	21,975,200	-13,200
1997	22,991,000	23,058,300	-67,300
1998	23,866,000	23,882,200	-16,200
1999	23,866,000	23,882,200	-16,200

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 21.3

México: Obtención de madera en rollo por hectárea

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos1 Hectáreas	Madera en rollo		Obtencióndе madera en rollo		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	8,932,000	8,956,200	15.2501	15.2914	-0.0413
1962	58,040,000	9,763,000	9,786,600	16.8212	16.8618	-0.0407
1963	57,510,000	10,339,000	10,372,800	17.9777	18.0365	-0.0588
1964	56,980,000	10,850,000	10,864,900	19.0418	19.0679	-0.0261
1965	56,450,000	11,295,000	11,348,100	20.0089	20.1029	-0.0941
1966	55,920,000	11,159,000	11,192,700	19.9553	20.0156	-0.0603
1967	55,390,000	12,222,000	12,255,100	22.0654	22.1251	-0.0598
1968	54,860,000	12,564,000	12,588,600	22.9019	22.9468	-0.0448
1969	54,330,000	13,061,000	13,087,300	24.0401	24.0885	-0.0484
1970	53,800,000	13,715,000	13,772,600	25.4926	25.5996	-0.1071
1971	53,270,000	13,546,000	13,578,200	25.4289	25.4894	-0.0604
1972	52,740,000	14,105,000	14,116,000	26.7444	26.7653	-0.0209
1973	52,210,000	14,793,000	14,807,700	28.3337	28.3618	-0.0282
1974	51,680,000	15,766,000	15,773,200	30.5070	30.5209	-0.0139
1975	51,150,000	16,441,000	16,455,500	32.1427	32.1711	-0.0283
1976	50,620,000	16,993,000	16,988,500	33.5697	33.5608	0.0089
1977	50,090,000	17,394,000	17,398,500	34.7255	34.7345	-0.0090
1978	49,560,000	15,764,000	15,768,000	31.8079	31.8160	-0.0081
1979	48,700,000	16,991,000	17,026,000	34.8891	34.9610	-0.0719
1980	47,840,000	17,581,200	17,647,500	36.7500	36.8886	-0.1386
1981	47,300,000	17,757,600	17,786,400	37.5425	37.6034	-0.0609
1982	46,770,000	18,297,700	18,320,100	39.1227	39.1706	-0.0479
1983	46,240,000	18,607,700	18,631,800	40.2416	40.2937	-0.0521
1984	47,000,000	19,468,000	19,481,600	41.4213	41.4502	-0.0289
1985	47,000,000	20,022,000	20,033,300	42.6000	42.6240	-0.0240
1986	47,000,000	19,836,000	19,845,500	42.2043	42.2245	-0.0202
1987	48,000,000	20,460,000	20,473,800	42.6250	42.6538	-0.0288
1988	48,000,000	20,582,000	20,592,200	42.8792	42.9004	-0.0213
1989	48,000,000	21,890,000	21,900,800	45.6042	45.6267	-0.0225
1990	48,695,000	21,419,000	21,439,967	43.9860	44.0291	-0.0431
1991	48,700,000	21,300,000	21,315,125	43.7372	43.7682	-0.0311
1992	48,700,000	21,410,000	21,422,319	43.9630	43.9883	-0.0253
1993	48,700,000	20,579,000	20,608,631	42.2567	42.3175	-0.0608
1994	48,700,000	20,943,000	21,008,851	43.0041	43.1393	-0.1352
1995	48,700,000	21,217,000	21,244,200	43.5667	43.6226	-0.0559
1996	48,700,000	21,962,000	21,975,200	45.0965	45.1236	-0.0271
1997	48,700,000	22,991,000	23,058,300	47.2094	47.3476	-0.1382
1998	48,700,000	23,866,000	23,882,200	49.0062	49.0394	-0.0333
1999	48,700,000	23,866,000	23,882,200	49.0062	49.0394	-0.0333

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 22.1

México: Oferta y demanda total de madera terciada

(Metros cúbicos)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo (d)	Exportaciones (e)
1961	47,100	800	47,900	43,000	4,900
1962	46,500	700	47,200	41,000	6,200
1963	49,000	1,100	50,100	43,700	6,400
1964	56,700	1,900	58,600	54,400	4,200
1965	63,900	2,600	66,500	63,100	3,400
1966	69,000	5,500	74,500	72,300	2,200
1967	79,000	8,300	87,300	84,800	2,500
1968	78,000	8,600	86,600	84,300	2,300
1969	78,000	9,000	87,000	84,800	2,200
1970	96,000	6,200	102,200	101,300	900
1971	99,000	3,200	102,200	101,800	400
1972	104,000	3,000	107,000	106,300	700
1973	118,000	4,700	122,700	121,700	1,000
1974	111,000	17,400	128,400	128,000	400
1975	110,000	15,900	125,900	125,800	100
1976	139,000	13,900	152,900	151,900	1,000
1977	171,000	4,600	175,600	166,400	9,200
1978	188,000	4,800	192,800	178,900	13,900
1979	206,000	10,900	216,900	212,300	4,600
1980	254,000	18,800	272,800	249,400	23,400
1981	304,000	13,800	317,800	312,900	4,900
1982	313,000	7,500	320,500	320,100	400
1983	286,000	7,500	293,500	279,200	14,300
1984	286,000	15,900	301,900	287,600	14,300
1985	271,000	17,000	288,000	273,000	15,000
1986	272,000	10,400	282,400	269,500	12,900
1987	280,000	13,200	293,200	281,500	11,700
1988	229,000	39,900	268,900	258,300	10,600
1989	184,000	65,600	249,600	243,000	6,600
1990	157,000	102,300	259,300	256,600	2,700
1991	184,000	212,100	396,100	394,000	2,100
1992	150,000	158,810	308,810	308,225	585
1993	136,000	292,300	428,300	426,828	1,472
1994	132,000	239,000	371,000	368,600	2,400
1995	0	108,000	108,000	86,600	21,400
1996	0	107,000	107,000	90,500	16,500
1997	0	190,000	190,000	180,000	10,000
1998	0	236,000	236,000	233,900	2,100
1999	0	236,000	236,000	233,900	2,100

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 22.2

México: Balance interno de madera terciada

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	47,100	43,000	4,100
1962	46,500	41,000	5,500
1963	49,000	43,700	5,300
1964	56,700	54,400	2,300
1965	63,900	63,100	800
1966	69,000	72,300	-3,300
1967	79,000	84,800	-5,800
1968	78,000	84,300	-6,300
1969	78,000	84,800	-6,800
1970	96,000	101,300	-5,300
1971	99,000	101,800	-2,800
1972	104,000	106,300	-2,300
1973	118,000	121,700	-3,700
1974	111,000	128,000	-17,000
1975	110,000	125,800	-15,800
1976	139,000	151,900	-12,900
1977	171,000	166,400	4,600
1978	188,000	178,900	9,100
1979	206,000	212,300	-6,300
1980	254,000	249,400	4,600
1981	304,000	312,900	-8,900
1982	313,000	320,100	-7,100
1983	286,000	279,200	6,800
1984	286,000	287,600	-1,600
1985	271,000	273,000	-2,000
1986	272,000	269,500	2,500
1987	280,000	281,500	-1,500
1988	229,000	258,300	-29,300
1989	184,000	243,000	-59,000
1990	157,000	256,600	-99,600
1991	184,000	394,000	-210,000
1992	150,000	308,225	-158,225
1993	136,000	426,828	-290,828
1994	132,000	368,600	-236,600
1995	0	86,600	-86,600
1996	0	90,500	-90,500
1997	0	180,000	-180,000
1998	0	233,900	-233,900
1999	0	233,900	-233,900

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 22.3

México: Obtención de madera terciada por hectárea

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos1 Hectáreas	Madera terciada		Obtenciónde madera terciada		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	47,100	43,000	0.0804	0.0734	0.0070
1962	58,040,000	46,500	41,000	0.0801	0.0706	0.0095
1963	57,510,000	49,000	43,700	0.0852	0.0760	0.0092
1964	56,980,000	56,700	54,400	0.0995	0.0955	0.0040
1965	56,450,000	63,900	63,100	0.1132	0.1118	0.0014
1966	55,920,000	69,000	72,300	0.1234	0.1293	-0.0059
1967	55,390,000	79,000	84,800	0.1426	0.1531	-0.0105
1968	54,860,000	78,000	84,300	0.1422	0.1537	-0.0115
1969	54,330,000	78,000	84,800	0.1436	0.1561	-0.0125
1970	53,800,000	96,000	101,300	0.1784	0.1883	-0.0099
1971	53,270,000	99,000	101,800	0.1858	0.1911	-0.0053
1972	52,740,000	104,000	106,300	0.1972	0.2016	-0.0044
1973	52,210,000	118,000	121,700	0.2260	0.2331	-0.0071
1974	51,680,000	111,000	128,000	0.2148	0.2477	-0.0329
1975	51,150,000	110,000	125,800	0.2151	0.2459	-0.0309
1976	50,620,000	139,000	151,900	0.2746	0.3001	-0.0255
1977	50,090,000	171,000	166,400	0.3414	0.3322	0.0092
1978	49,560,000	188,000	178,900	0.3793	0.3610	0.0184
1979	48,700,000	206,000	212,300	0.4230	0.4359	-0.0129
1980	47,840,000	254,000	249,400	0.5309	0.5213	0.0096
1981	47,300,000	304,000	312,900	0.6427	0.6615	-0.0188
1982	46,770,000	313,000	320,100	0.6692	0.6844	-0.0152
1983	46,240,000	286,000	279,200	0.6185	0.6038	0.0147
1984	47,000,000	286,000	287,600	0.6085	0.6119	-0.0034
1985	47,000,000	271,000	273,000	0.5766	0.5809	-0.0043
1986	47,000,000	272,000	269,500	0.5787	0.5734	0.0053
1987	48,000,000	280,000	281,500	0.5833	0.5865	-0.0031
1988	48,000,000	229,000	258,300	0.4771	0.5381	-0.0610
1989	48,000,000	184,000	243,000	0.3833	0.5063	-0.1229
1990	48,695,000	157,000	256,600	0.3224	0.5270	-0.2045
1991	48,700,000	184,000	394,000	0.3778	0.8090	-0.4312
1992	48,700,000	150,000	308,225	0.3080	0.6329	-0.3249
1993	48,700,000	136,000	426,828	0.2793	0.8764	-0.5972
1994	48,700,000	132,000	368,600	0.2710	0.7569	-0.4858
1995	48,700,000	0	86,600	0.0000	0.1778	-0.1778
1996	48,700,000	0	90,500	0.0000	0.1858	-0.1858
1997	48,700,000	0	180,000	0.0000	0.3696	-0.3696
1998	48,700,000	0	233,900	0.0000	0.4803	-0.4803
1999	48,700,000	0	233,900	0.0000	0.4803	-0.4803

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 23.1

México: Oferta y demanda total de tableros de madera

(Metros cúbicos)

Año	OFERTA Producción (a)	OFERTA Importaciones (b)	OFERTA = DEMANDA (c = a+b) (c = d+e)	DEMANDA Consumo (d)	DEMANDA Exportaciones (e)
1961	68,200	2,700	70,900	65,100	5,800
1962	75,600	3,000	78,600	70,800	7,800
1963	77,200	3,200	80,400	69,900	10,500
1964	91,100	4,900	96,000	89,200	6,800
1965	98,600	4,100	102,700	97,800	4,900
1966	117,300	8,227	125,527	122,590	2,937
1967	129,300	12,148	141,448	138,532	2,916
1968	149,400	11,801	161,201	157,848	3,353
1969	164,500	12,527	177,027	168,509	8,518
1970	173,500	9,101	182,601	180,232	2,369
1971	178,700	6,395	185,095	181,857	3,238
1972	187,700	3,500	191,200	187,767	3,433
1973	219,300	8,500	227,800	225,015	2,785
1974	227,000	38,300	265,300	263,436	1,864
1975	252,700	23,000	275,700	273,394	2,306
1976	270,400	30,700	301,100	295,699	5,401
1977	362,100	23,700	385,800	373,000	12,800
1978	404,000	19,200	423,200	407,400	15,800
1979	441,600	58,200	499,800	493,300	6,500
1980	604,000	74,300	678,300	654,600	23,700
1981	683,000	61,400	744,400	739,200	5,200
1982	761,000	34,400	795,400	794,700	700
1983	695,500	34,400	729,900	715,300	14,600
1984	732,300	42,800	775,100	760,500	14,600
1985	764,300	50,300	814,600	799,300	15,300
1986	756,300	36,800	793,100	779,900	13,200
1987	768,300	25,300	793,600	781,700	11,900
1988	753,300	64,000	817,300	804,300	13,000
1989	645,300	116,200	761,500	754,600	6,900
1990	553,000	134,100	687,100	684,300	2,800
1991	653,000	263,500	916,500	914,300	2,200
1992	619,000	228,733	847,733	818,197	29,536
1993	601,000	353,900	954,900	933,651	21,249
1994	606,000	293,200	899,200	870,623	28,577
1995	0	225,100	225,100	66,600	158,500
1996	0	270,300	270,300	158,300	112,000
1997	0	314,200	314,200	204,000	110,200
1998	0	359,300	359,300	321,400	37,900
1999	0	359,300	359,300	321,400	37,900

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 23.2

México: Balance interno de tableros madera

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	68,200	65,100	3,100
1962	75,600	70,800	4,800
1963	77,200	69,900	7,300
1964	91,100	89,200	1,900
1965	98,600	97,800	800
1966	117,300	122,590	-5,290
1967	129,300	138,532	-9,232
1968	149,400	157,848	-8,448
1969	164,500	168,509	-4,009
1970	173,500	180,232	-6,732
1971	178,700	181,857	-3,157
1972	187,700	187,767	-67
1973	219,300	225,015	-5,715
1974	227,000	263,436	-36,436
1975	252,700	273,394	-20,694
1976	270,400	295,699	-25,299
1977	362,100	373,000	-10,900
1978	404,000	407,400	-3,400
1979	441,600	493,300	-51,700
1980	604,000	654,600	-50,600
1981	683,000	739,200	-56,200
1982	761,000	794,700	-33,700
1983	695,500	715,300	-19,800
1984	732,300	760,500	-28,200
1985	764,300	799,300	-35,000
1986	756,300	779,900	-23,600
1987	768,300	781,700	-13,400
1988	753,300	804,300	-51,000
1989	645,300	754,600	-109,300
1990	553,000	684,300	-131,300
1991	653,000	914,300	-261,300
1992	619,000	818,197	-199,197
1993	601,000	933,651	-332,651
1994	606,000	870,623	-264,623
1995	0	66,600	-66,600
1996	0	158,300	-158,300
1997	0	204,000	-204,000
1998	0	321,400	-321,400
1999	0	321,400	-321,400

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 23.3

México: Obtención de tableros de madera

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos1 Hectáreas	Tableros		Obtenciónde tableros de madera		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	68,200	65,100	0.1164	0.1111	0.0053
1962	58,040,000	75,600	70,800	0.1303	0.1220	0.0083
1963	57,510,000	77,200	69,900	0.1342	0.1215	0.0127
1964	56,980,000	91,100	89,200	0.1599	0.1565	0.0033
1965	56,450,000	98,600	97,800	0.1747	0.1733	0.0014
1966	55,920,000	117,300	122,590	0.2098	0.2192	-0.0095
1967	55,390,000	129,300	138,532	0.2334	0.2501	-0.0167
1968	54,860,000	149,400	157,848	0.2723	0.2877	-0.0154
1969	54,330,000	164,500	168,509	0.3028	0.3102	-0.0074
1970	53,800,000	173,500	180,232	0.3225	0.3350	-0.0125
1971	53,270,000	178,700	181,857	0.3355	0.3414	-0.0059
1972	52,740,000	187,700	187,767	0.3559	0.3560	-0.0001
1973	52,210,000	219,300	225,015	0.4200	0.4310	-0.0109
1974	51,680,000	227,000	263,436	0.4392	0.5097	-0.0705
1975	51,150,000	252,700	273,394	0.4940	0.5345	-0.0405
1976	50,620,000	270,400	295,699	0.5342	0.5842	-0.0500
1977	50,090,000	362,100	373,000	0.7229	0.7447	-0.0218
1978	49,560,000	404,000	407,400	0.8152	0.8220	-0.0069
1979	48,700,000	441,600	493,300	0.9068	1.0129	-0.1062
1980	47,840,000	604,000	654,600	1.2625	1.3683	-0.1058
1981	47,300,000	683,000	739,200	1.4440	1.5628	-0.1188
1982	46,770,000	761,000	794,700	1.6271	1.6992	-0.0721
1983	46,240,000	695,500	715,300	1.5041	1.5469	-0.0428
1984	47,000,000	732,300	760,500	1.5581	1.6181	-0.0600
1985	47,000,000	764,300	799,300	1.6262	1.7006	-0.0745
1986	47,000,000	756,300	779,900	1.6091	1.6594	-0.0502
1987	48,000,000	768,300	781,700	1.6006	1.6285	-0.0279
1988	48,000,000	753,300	804,300	1.5694	1.6756	-0.1063
1989	48,000,000	645,300	754,600	1.3444	1.5721	-0.2277
1990	48,695,000	553,000	684,300	1.1356	1.4053	-0.2696
1991	48,700,000	653,000	914,300	1.3409	1.8774	-0.5366
1992	48,700,000	619,000	818,197	1.2710	1.6801	-0.4090
1993	48,700,000	601,000	933,651	1.2341	1.9171	-0.6831
1994	48,700,000	606,000	870,623	1.2444	1.7877	-0.5434
1995	48,700,000	0	66,600	0.0000	0.1368	-0.1368
1996	48,700,000	0	158,300	0.0000	0.3251	-0.3251
1997	48,700,000	0	204,000	0.0000	0.4189	-0.4189
1998	48,700,000	0	321,400	0.0000	0.6600	-0.6600
1999	48,700,000	0	321,400	0.0000	0.6600	-0.6600

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 24.1

México: Oferta y demanda total de trozas

(Metros cúbicos)

Año	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+e)	Consumo (d)	Exportaciones (e)
1961	1,958,000	16,500	1,974,500	1,974,300	200
1962	2,439,000	11,100	2,450,100	2,450,000	100
1963	2,665,000	6,400	2,671,400	2,670,700	700
1964	3,062,000	5,900	3,067,900	3,066,900	1,000
1965	3,245,000	10,100	3,255,100	3,253,800	1,300
1966	2,702,000	14,900	2,716,900	2,716,900	0
1967	3,437,000	5,600	3,442,600	3,442,600	0
1968	3,467,000	3,300	3,470,300	3,470,300	0
1969	3,756,000	1,700	3,757,700	3,757,700	0
1970	3,996,000	7,600	4,003,600	4,003,600	0
1971	3,601,000	3,700	3,604,700	3,604,700	0
1972	3,852,000	3,900	3,855,900	3,855,900	0
1973	4,185,000	7,700	4,192,700	4,192,700	0
1974	4,629,000	3,700	4,632,700	4,632,700	0
1975	4,563,000	2,000	4,565,000	4,564,100	900
1976	4,884,000	8,700	4,892,700	4,870,800	21,900
1977	4,736,000	4,000	4,740,000	4,740,000	0
1978	2,680,000	4,000	2,684,000	2,684,000	0
1979	3,274,000	24,200	3,298,200	3,298,200	0
1980	3,472,000	36,300	3,508,300	3,508,300	0
1981	3,575,000	8,600	3,583,600	3,583,600	0
1982	3,879,000	9,600	3,888,600	3,888,600	0
1983	3,992,000	9,600	4,001,600	4,001,600	0
1984	4,088,000	9,600	4,097,600	4,097,600	0
1985	4,372,000	5,400	4,377,400	4,377,400	0
1986	3,947,000	6,300	3,953,300	3,953,300	0
1987	4,324,000	12,100	4,336,100	4,336,100	0
1988	4,199,000	1,500	4,200,500	4,200,500	0
1989	5,806,000	2,100	5,808,100	5,808,100	0
1990	5,487,000	0	5,487,000	5,487,000	0
1991	5,390,000	0	5,390,000	5,390,000	0
1992	5,476,000	0	5,476,000	5,476,000	0
1993	4,608,000	0	4,608,000	4,608,000	0
1994	4,904,000	0	4,904,000	4,904,000	0
1995	4,728,000	0	4,728,000	4,728,000	0
1996	5,097,000	0	5,097,000	5,097,000	0
1997	5,921,000	0	5,921,000	5,921,000	0
1998	6,520,000	0	6,520,000	6,520,000	0
1999	6,520,000	0	6,520,000	6,520,000	0

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 24.2

México: Balance interno de trozas

(Metros cúbicos)

Año	Producción	Consumo	Balance interno
1961	1,958,000	1,974,300	-16,300
1962	2,439,000	2,450,000	-11,000
1963	2,665,000	2,670,700	-5,700
1964	3,062,000	3,066,900	-4,900
1965	3,245,000	3,253,800	-8,800
1966	2,702,000	2,716,900	-14,900
1967	3,437,000	3,442,600	-5,600
1968	3,467,000	3,470,300	-3,300
1969	3,756,000	3,757,700	-1,700
1970	3,996,000	4,003,600	-7,600
1971	3,601,000	3,604,700	-3,700
1972	3,852,000	3,855,900	-3,900
1973	4,185,000	4,192,700	-7,700
1974	4,629,000	4,632,700	-3,700
1975	4,563,000	4,564,100	-1,100
1976	4,884,000	4,870,800	13,200
1977	4,736,000	4,740,000	-4,000
1978	2,680,000	2,684,000	-4,000
1979	3,274,000	3,298,200	-24,200
1980	3,472,000	3,508,300	-36,300
1981	3,575,000	3,583,600	-8,600
1982	3,879,000	3,888,600	-9,600
1983	3,992,000	4,001,600	-9,600
1984	4,088,000	4,097,600	-9,600
1985	4,372,000	4,377,400	-5,400
1986	3,947,000	3,953,300	-6,300
1987	4,324,000	4,336,100	-12,100
1988	4,199,000	4,200,500	-1,500
1989	5,806,000	5,808,100	-2,100
1990	5,487,000	5,487,000	0
1991	5,390,000	5,390,000	0
1992	5,476,000	5,476,000	0
1993	4,608,000	4,608,000	0
1994	4,904,000	4,904,000	0
1995	4,728,000	4,728,000	0
1996	5,097,000	5,097,000	0
1997	5,921,000	5,921,000	0
1998	6,520,000	6,520,000	0
1999	6,520,000	6,520,000	0

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 24.3

México: Obtención de trozas por hectárea

(centrimetros cúbicos)

Año	Tierra forestal y montes abiertos1 Hectáreas	Trozas		Obtencióndе Trozas		
		Producción	Consumo	Producción / Tierra forestal y montes abiertos	Consumo aparente / Tierra forestal y montes abiertos	Balance interno / Tierra forestal y montes abiertos
1961	58,570,000	1,958,000	1,974,300	3.3430	3.3708	-0.0188
1962	58,040,000	2,439,000	2,450,000	4.2023	4.2212	-0.0098
1963	57,510,000	2,665,000	2,670,700	4.6340	4.6439	-0.0085
1964	56,980,000	3,062,000	3,066,900	5.3738	5.3824	-0.0154
1965	56,450,000	3,245,000	3,253,800	5.7484	5.7640	-0.0264
1966	55,920,000	2,702,000	2,716,900	4.8319	4.8585	-0.0100
1967	55,390,000	3,437,000	3,442,600	6.2051	6.2152	-0.0060
1968	54,860,000	3,467,000	3,470,300	6.3197	6.3257	-0.0031
1969	54,330,000	3,756,000	3,757,700	6.9133	6.9164	-0.0140
1970	53,800,000	3,996,000	4,003,600	7.4275	7.4416	-0.0069
1971	53,270,000	3,601,000	3,604,700	6.7599	6.7668	-0.0073
1972	52,740,000	3,852,000	3,855,900	7.3038	7.3111	-0.0146
1973	52,210,000	4,185,000	4,192,700	8.0157	8.0305	-0.0071
1974	51,680,000	4,629,000	4,632,700	8.9570	8.9642	-0.0021
1975	51,150,000	4,563,000	4,564,100	8.9208	8.9230	0.0258
1976	50,620,000	4,884,000	4,870,800	9.6484	9.6223	-0.0079
1977	50,090,000	4,736,000	4,740,000	9.4550	9.4630	-0.0080
1978	49,560,000	2,680,000	2,684,000	5.4076	5.4157	-0.0488
1979	48,700,000	3,274,000	3,298,200	6.7228	6.7725	-0.0745
1980	47,840,000	3,472,000	3,508,300	7.2575	7.3334	-0.0180
1981	47,300,000	3,575,000	3,583,600	7.5581	7.5763	-0.0203
1982	46,770,000	3,879,000	3,888,600	8.2938	8.3143	-0.0205
1983	46,240,000	3,992,000	4,001,600	8.6332	8.6540	-0.0208
1984	47,000,000	4,088,000	4,097,600	8.6979	8.7183	-0.0115
1985	47,000,000	4,372,000	4,377,400	9.3021	9.3136	-0.0134
1986	47,000,000	3,947,000	3,953,300	8.3979	8.4113	-0.0257
1987	48,000,000	4,324,000	4,336,100	9.0083	9.0335	-0.0031
1988	48,000,000	4,199,000	4,200,500	8.7479	8.7510	-0.0044
1989	48,000,000	5,806,000	5,808,100	12.0958	12.1002	0.0000
1990	48,695,000	5,487,000	5,487,000	11.2681	11.2681	0.0000
1991	48,700,000	5,390,000	5,390,000	11.0678	11.0678	0.0000
1992	48,700,000	5,476,000	5,476,000	11.2444	11.2444	0.0000
1993	48,700,000	4,608,000	4,608,000	9.4620	9.4620	0.0000
1994	48,700,000	4,904,000	4,904,000	10.0698	10.0698	0.0000
1995	48,700,000	4,728,000	4,728,000	9.7084	9.7084	0.0000
1996	48,700,000	5,097,000	5,097,000	10.4661	10.4661	0.0000
1997	48,700,000	5,921,000	5,921,000	12.1581	12.1581	0.0000
1998	48,700,000	6,520,000	6,520,000	13.3881	13.3881	0.0000
1999	48,700,000	6,520,000	6,520,000	13.3881	13.3881	0.0000

Nota: La clasificación puede no concidir con la reportada por la SEMARNAP.

1 Se considera como terrrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

PRODUCTOS DE EXPORTACIÓN

CUADRO 25.1

México: Oferta y demanda total de café

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	**Importaciones**	(c = a+b) (c = d+h-i)	**Consumo aparente total**	**Desperdicios 1**	**Transformación**	**Alilmentación**	**Exportaciones**	**Cambio en las existencias 1***
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)	(h)	(i)
1961	126,616	17	126,633	32,872	3,798	0	29,074	93,761	0
1962	139,794	5	139,799	42,512	4,194	0	38,318	97,287	0
1963	137,069	8	137,077	66,009	4,112	0	61,897	71,068	0
1964	156,477	15	156,492	49,491	4,694	0	44,797	107,001	0
1965	162,000	15	162,015	80,943	4,864	1	76,078	81,073	0
1966	183,000	132	183,132	85,933	5,490	1	80,442	97,200	0
1967	225,000	11	225,011	115,462	6,735	0	108,727	79,549	30,000
1968	213,000	11	213,011	82,698	6,380	0	76,318	100,313	30,000
1969	173,000	9	173,009	92,448	5,722	0	86,726	98,561	-18,000
1970	185,000	12	185,012	98,787	5,559	0	93,228	86,225	0
1971	187,000	3	187,003	88,405	5,625	0	82,780	98,598	0
1972	203,000	6	203,006	89,943	6,104	0	83,839	103,063	10,000
1973	222,000	6	222,006	77,414	6,652	-1	70,763	139,591	5,000
1974	221,000	24	221,024	100,070	6,623	-1	93,448	120,953	0
1975	228,000	32	228,032	83,667	6,848	-1	76,820	144,364	0
1976	212,000	14	212,014	66,560	7,116	0	59,444	170,454	-25,000
1977	182,000	99	182,099	63,984	5,460	0	58,524	108,115	10,000
1978	242,000	45	242,045	71,045	7,248	0	63,797	118,000	53,000
1979	223,000	67	223,067	106,494	8,496	-1	97,999	179,572	-63,000
1980	193,000	1,960	194,960	58,534	7,561	0	50,973	168,426	-32,000
1981	263,000	124	263,124	106,305	7,887	0	98,418	156,819	0
1982	313,000	18	313,018	111,870	7,553	-1	104,318	161,147	40,000
1983	312,000	45	312,045	110,982	9,238	1	101,743	191,064	10,000
1984	242,000	1	242,001	85,309	7,796	-1	77,514	176,691	-20,000
1985	260,000	15	260,015	59,616	8,706	1	50,909	230,400	-30,000
1986	375,000	67	375,067	98,761	11,245	-1	87,517	211,305	65,000
1987	578,000	17	578,017	367,416	10,535	0	356,881	225,601	-15,000
1988	879,000	13	879,013	656,949	12,690	0	644,259	172,064	50,000
1989	400,000	72	400,072	224,430	13,303	0	211,127	275,642	-100,000
1990	308,500	845	309,345	45,649	13,222	0	32,427	213,696	50,000
1991	341,600	3,117	344,717	155,987	11,260	0	144,727	228,730	-40,000
1992	359,700	4,990	364,690	146,149	10,855	-1	135,295	208,540	10,000
1993	335,600	3,386	338,986	148,446	10,670	-1	137,777	210,539	-20,000
1994	324,600	12,400	337,000	124,820	9,801	0	115,019	212,180	0
1995	324,500	8,843	333,343	121,813	9,771	0	112,042	211,530	0
1996	371,500	6,817	378,317	92,173	11,247	0	80,926	286,144	0
1997	348,113	17,648	365,761	102,611	11,370	0	91,241	263,150	0
1998	283,200	17,304	300,504	63,786	9,463	0	54,323	236,718	0

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 25.2

México: Balance interno de café

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	126,616	32,872	93,744.0
1962	139,794	42,512	97,282.0
1963	137,069	66,009	71,060.0
1964	156,477	49,491	106,986.0
1965	162,000	80,943	81,057.0
1966	183,000	85,933	97,067.0
1967	225,000	115,462	109,538.0
1968	213,000	82,698	130,302.0
1969	173,000	92,448	80,552.0
1970	185,000	98,787	86,213.0
1971	187,000	88,405	98,595.0
1972	203,000	89,943	113,057.0
1973	222,000	77,414	144,586.0
1974	221,000	100,070	120,930.0
1975	228,000	83,667	144,333.0
1976	212,000	66,560	145,440.0
1977	182,000	63,984	118,016.0
1978	242,000	71,045	170,955.0
1979	223,000	106,494	116,506.0
1980	193,000	58,534	134,466.0
1981	263,000	106,305	156,695.0
1982	313,000	111,870	201,130.0
1983	312,000	110,982	201,018.0
1984	242,000	85,309	156,691.0
1985	260,000	59,616	200,384.0
1986	375,000	98,761	276,239.0
1987	578,000	367,416	210,584.0
1988	879,000	656,949	222,051.0
1989	400,000	224,430	175,570.0
1990	308,500	45,649	262,851.0
1991	341,600	155,987	185,613.0
1992	359,700	146,149	213,551.0
1993	335,600	148,446	187,154.0
1994	324,600	124,820	199,780.0
1995	324,500	121,813	202,687.0
1996	371,500	92,173	279,327.0
1997	348,113	102,611	245,502.0
1998	283,200	63,786	219,414.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 25.3

México: Rendimiento del cafe por hectárea

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	307,320	126,616	0.4120
1962	314,446	139,794	0.4446
1963	322,819	137,069	0.4246
1964	349,454	156,477	0.4478
1965	350,000	162,000	0.4629
1966	354,000	183,000	0.5169
1967	388,000	225,000	0.5799
1968	384,000	213,000	0.5547
1969	308,000	173,000	0.5617
1970	329,000	185,000	0.5623
1971	381,000	187,000	0.4908
1972	374,000	203,000	0.5428
1973	379,000	222,000	0.5858
1974	373,000	221,000	0.5925
1975	374,000	228,000	0.6096
1976	370,000	212,000	0.5730
1977	389,000	182,000	0.4679
1978	393,000	242,000	0.6158
1979	402,000	223,000	0.5547
1980	476,000	193,000	0.4055
1981	419,000	263,000	0.6277
1982	523,000	313,000	0.5985
1983	581,000	312,000	0.5370
1984	516,000	242,000	0.4690
1985	456,000	260,000	0.5702
1986	568,000	375,000	0.6602
1987	626,000	578,000	0.9233
1988	674,000	879,000	1.3042
1989	678,100	400,000	0.5899
1990	308,500	308,500	1.0000
1991	341,600	341,600	1.0000
1992	359,700	359,700	1.0000
1993	335,600	335,600	1.0000
1994	324,600	324,600	1.0000
1995	324,500	324,500	1.0000
1996	371,500	371,500	1.0000
1997	348,113	348,113	1.0000
1998	283,200	283,200	1.0000

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 25.4

México: Producción y consumo de cafe por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	3.4963	0.9077	2.5886
1962	37,486,139	3.7292	1.1341	2.5951
1963	38,800,538	3.5327	1.7012	1.8314
1964	40,147,986	3.8975	1.2327	2.6648
1965	41,535,828	3.9002	1.9488	1.9515
1966	42,955,469	4.2602	2.0005	2.2597
1967	44,397,880	5.0678	2.6006	2.4672
1968	45,859,633	4.6446	1.8033	2.8413
1969	47,337,557	3.6546	1.9530	1.7017
1970	48,852,306	3.7869	2.0222	1.7648
1971	50,393,091	3.7108	1.7543	1.9565
1972	51,948,772	3.9077	1.7314	2.1763
1973	53,517,788	4.1482	1.4465	2.7016
1974	55,104,832	4.0105	1.8160	2.1945
1975	56,687,703	4.0220	1.4759	2.5461
1976	58,291,820	3.6369	1.1418	2.4950
1977	59,900,617	3.0384	1.0682	1.9702
1978	61,527,486	3.9332	1.1547	2.7785
1979	63,161,213	3.5306	1.6861	1.8446
1980	64,788,572	2.9789	0.9035	2.0755
1981	66,425,164	3.9593	1.6004	2.3590
1982	68,081,155	4.5975	1.6432	2.9543
1983	69,744,148	4.4735	1.5913	2.8822
1984	71,421,164	3.3884	1.1944	2.1939
1985	73,112,440	3.5562	0.8154	2.7408
1986	74,817,783	5.0122	1.3200	3.6922
1987	76,536,428	7.5520	4.8005	2.7514
1988	78,266,888	11.2308	8.3937	2.8371
1989	80,019,134	4.9988	2.8047	2.1941
1990	81,781,347	3.7723	0.5582	3.2141
1991	83,554,530	4.0883	1.8669	2.2215
1992	85,348,102	4.2145	1.7124	2.5021
1993	87,117,464	3.8523	1.7040	2.1483
1994	88,863,239	3.6528	1.4046	2.2482
1995	90,578,718	3.5825	1.3448	2.2377
1996	92,228,065	4.0281	0.9994	3.0287
1997	93,813,963	3.7107	1.0938	2.6169
1998	95,326,450	2.9708	0.6691	2.3017

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 25.5

México: Oferta y demanda total del café

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA					
	Producción	Importaciones	(c = a+b) (c = d)	Consumo aparente total	Desperdicios 1	Transformación	Otros usos	Exportación	Cambio en las existencias 1*
	(a)	(b)		(d = e+f+g)	(e)	(f)	(g)		(i)
1961	99.99	0.01	100.00	25.96	11.55	11.55	88.45	74.04	0.00
1962	100.00	0.00	100.00	30.41	9.87	9.87	90.13	69.59	0.00
1963	99.99	0.01	100.00	48.15	6.23	6.23	93.77	51.85	0.00
1964	99.99	0.01	100.00	31.63	9.48	9.48	90.52	68.37	0.00
1965	99.99	0.01	100.00	49.96	6.01	6.01	93.99	50.04	0.00
1966	99.93	0.07	100.00	46.92	6.39	6.39	93.61	53.08	0.00
1967	100.00	0.00	100.00	51.31	5.83	5.83	94.17	35.35	13.33
1968	99.99	0.01	100.00	38.82	7.71	7.71	92.29	47.09	14.08
1969	99.99	0.01	100.00	53.44	6.19	6.19	93.81	56.97	-10.40
1970	99.99	0.01	100.00	53.39	5.63	5.63	94.37	46.61	0.00
1971	100.00	0.00	100.00	47.27	6.36	6.36	93.64	52.73	0.00
1972	100.00	0.00	100.00	44.31	6.79	6.79	93.21	50.77	4.93
1973	100.00	0.00	100.00	34.87	8.59	8.59	91.41	62.88	2.25
1974	99.99	0.01	100.00	45.28	6.62	6.62	93.38	54.72	0.00
1975	99.99	0.01	100.00	36.69	8.18	8.18	91.82	63.31	0.00
1976	99.99	0.01	100.00	31.39	10.69	10.69	89.31	80.40	-11.79
1977	99.95	0.05	100.00	35.14	8.53	8.53	91.47	59.37	5.49
1978	99.98	0.02	100.00	29.35	10.20	10.20	89.80	48.75	21.90
1979	99.97	0.03	100.00	47.74	7.98	7.98	92.02	80.50	-28.24
1980	98.99	1.01	100.00	30.02	12.92	12.92	87.08	86.39	-16.41
1981	99.95	0.05	100.00	40.40	7.42	7.42	92.58	59.60	0.00
1982	99.99	0.01	100.00	35.74	6.75	6.75	93.25	51.48	12.78
1983	99.99	0.01	100.00	35.57	8.32	8.32	91.68	61.23	3.20
1984	100.00	0.00	100.00	35.25	9.14	9.14	90.86	73.01	-8.26
1985	99.99	0.01	100.00	22.93	14.60	14.60	85.39	88.61	-11.54
1986	99.98	0.02	100.00	26.33	11.39	11.39	88.61	56.34	17.33
1987	100.00	0.00	100.00	63.56	2.87	2.87	97.13	39.03	-2.60
1988	100.00	0.00	100.00	74.74	1.93	1.93	98.07	19.57	5.69
1989	99.98	0.02	100.00	56.10	5.93	5.93	94.07	68.90	-25.00
1990	99.73	0.27	100.00	14.76	28.96	28.96	71.04	69.08	16.16
1991	99.10	0.90	100.00	45.25	7.22	7.22	92.78	66.35	-11.60
1992	98.63	1.37	100.00	40.07	7.43	7.43	92.57	57.18	2.74
1993	99.00	1.00	100.00	43.79	7.19	7.19	92.81	62.11	-5.90
1994	96.32	3.68	100.00	37.04	7.85	7.85	92.15	62.96	0.00
1995	97.35	2.65	100.00	36.54	8.02	8.02	91.98	63.46	0.00
1996	98.20	1.80	100.00	24.36	12.20	12.20	87.80	75.64	0.00
1997	95.17	4.83	100.00	28.05	11.08	11.08	88.92	71.95	0.00
1998	94.24	5.76	100.00	21.23	14.84	14.84	85.16	78.77	0.00

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 26.1

México: Oferta y demanda total de caña de azúcar

(Toneladas)

AÑO	OFERTA	OFERTA = DEMANDA	DEMANDA				
	Producción	(c = a+b) (c = d)	Consumo aparente total	Desperdicios 1	Transformación	Otros usos	Importaciones
	(a)		(d = e+f+g)	(e)	(f)	(g)	(b)
1961	19,167,980	19,167,980	19,167,980	383,360	18,592,000	192,620	0
1962	21,115,600	21,115,600	21,115,600	422,312	19,725,050	968,238	0
1963	22,326,990	22,326,990	22,326,990	446,540	21,649,998	230,452	0
1964	26,989,620	26,989,620	26,989,620	539,792	24,768,564	1,681,264	0
1965	30,955,680	30,955,680	30,955,680	619,114	27,225,984	3,110,582	0
1966	32,228,620	32,228,620	32,228,620	644,572	27,927,076	3,656,972	0
1967	32,106,860	32,106,860	32,106,860	642,137	29,595,949	1,868,774	0
1968	31,683,230	31,683,230	31,683,230	633,665	27,806,749	3,242,816	0
1969	32,445,810	32,445,810	32,445,810	648,916	29,785,742	2,011,152	0
1970	24,524,000	24,524,000	24,524,000	693,028	16,451,008	7,379,964	0
1971	25,985,000	25,985,000	25,985,000	654,303	20,830,049	4,500,648	0
1972	26,254,000	26,254,000	26,254,000	645,040	21,803,350	3,805,610	0
1973	29,849,000	29,849,000	29,849,000	657,225	28,412,031	779,744	0
1974	30,492,000	30,492,000	30,492,000	669,983	29,059,979	762,038	0
1975	28,949,000	28,949,000	28,949,000	716,812	22,947,576	5,284,612	0
1976	27,237,000	27,237,000	27,237,000	627,731	23,977,415	2,631,854	0
1977	27,947,000	27,947,000	27,947,000	587,947	27,064,663	294,390	0
1978	32,348,000	32,348,000	32,348,000	709,497	29,905,811	1,732,692	0
1979	33,865,000	33,865,000	33,865,000	691,748	32,430,592	742,660	0
1980	31,343,000	31,343,000	31,343,000	729,605	25,171,745	5,441,650	0
1981	28,677,000	28,677,000	28,677,000	698,100	22,067,008	5,911,892	0
1982	31,770,000	31,770,000	31,770,000	681,327	27,603,663	3,485,010	0
1983	32,489,000	32,489,000	32,489,000	682,181	30,979,929	826,890	0
1984	34,746,000	34,746,000	34,746,000	698,208	33,635,584	412,208	0
1985	35,689,000	35,689,000	35,689,000	754,000	34,489,000	446,000	0
1986	40,375,000	40,375,000	40,374,995	840,000	38,674,999	859,996	5
1987	41,372,000	41,372,000	41,372,000	800,000	40,072,000	500,000	0
1988	37,244,000	37,244,000	37,244,000	830,000	35,844,000	570,000	0
1989	35,705,000	35,705,000	35,705,000	877,888	32,110,616	2,716,496	0
1990	34,893,000	34,893,000	34,892,974	798,157	31,585,129	2,509,688	26
1991	38,188,000	38,188,000	38,187,990	767,744	36,900,814	519,432	10
1992	35,476,000	35,476,000	35,475,969	833,048	27,423,625	7,219,296	31
1993	39,765,000	39,765,000	39,764,999	857,594	37,349,837	1,557,568	1
1994	34,124,900	34,124,900	34,124,900	810,772	28,411,200	4,902,928	0
1995	40,124,400	40,124,400	40,124,388	851,236	38,386,964	886,188	12
1996	40,185,200	40,185,200	40,185,053	867,045	37,718,140	1,599,868	147
1997	42,170,700	42,170,700	42,170,325	896,668	40,207,957	1,065,700	375
1998	47,353,000	47,353,000	47,352,892	977,905	46,310,783	64,204	108

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 26.2

México: Balance interno de caña de azúcar

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	19,167,980	19,167,980	0.0
1962	21,115,600	21,115,600	0.0
1963	22,326,990	22,326,990	0.0
1964	26,989,620	26,989,620	0.0
1965	30,955,680	30,955,680	0.0
1966	32,228,620	32,228,620	0.0
1967	32,106,860	32,106,860	0.0
1968	31,683,230	31,683,230	0.0
1969	32,445,810	32,445,810	0.0
1970	24,524,000	24,524,000	0.0
1971	25,985,000	25,985,000	0.0
1972	26,254,000	26,254,000	0.0
1973	29,849,000	29,849,000	0.0
1974	30,492,000	30,492,000	0.0
1975	28,949,000	28,949,000	0.0
1976	27,237,000	27,237,000	0.0
1977	27,947,000	27,947,000	0.0
1978	32,348,000	32,348,000	0.0
1979	33,865,000	33,865,000	0.0
1980	31,343,000	31,343,000	0.0
1981	28,677,000	28,677,000	0.0
1982	31,770,000	31,770,000	0.0
1983	32,489,000	32,489,000	0.0
1984	34,746,000	34,746,000	0.0
1985	35,689,000	35,689,000	0.0
1986	40,375,000	40,374,995	5.0
1987	41,372,000	41,372,000	0.0
1988	37,244,000	37,244,000	0.0
1989	35,705,000	35,705,000	0.0
1990	34,893,000	34,892,974	26.0
1991	38,188,000	38,187,990	10.0
1992	35,476,000	35,475,969	31.0
1993	39,765,000	39,764,999	1.0
1994	34,124,900	34,124,900	0.0
1995	40,124,400	40,124,388	12.0
1996	40,185,200	40,185,053	147.0
1997	42,170,700	42,170,325	375.0
1998	47,353,000	47,352,892	108.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 26.3

México: Rendimiento del caña de azúcar por hectárea

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	347,602	19,167,980	55.1435
1962	361,603	21,115,600	58.3944
1963	377,949	22,326,990	59.0741
1964	445,548	26,989,620	60.5762
1965	469,860	30,955,680	65.8828
1966	487,598	32,228,620	66.0967
1967	489,148	32,106,860	65.6383
1968	504,826	31,683,230	62.7607
1969	525,526	32,445,810	61.7397
1970	414,000	24,524,000	59.2367
1971	427,000	25,985,000	60.8548
1972	427,000	26,254,000	61.4848
1973	453,000	29,849,000	65.8918
1974	456,000	30,492,000	66.8684
1975	460,000	28,949,000	62.9326
1976	446,000	27,237,000	61.0695
1977	431,000	27,947,000	64.8422
1978	461,000	32,348,000	70.1692
1979	474,000	33,865,000	71.4451
1980	489,000	31,343,000	64.0961
1981	453,000	28,677,000	63.3046
1982	469,000	31,770,000	67.7399
1983	490,000	32,489,000	66.3041
1984	511,000	34,746,000	67.9961
1985	534,000	35,689,000	66.8333
1986	558,000	40,375,000	72.3566
1987	587,000	41,372,000	70.4804
1988	573,000	37,244,000	64.9983
1989	558,000	35,705,000	63.9875
1990	511,000	34,893,000	68.2838
1991	531,000	38,188,000	71.9171
1992	477,000	35,476,000	74.3732
1993	511,000	39,765,000	77.8180
1994	492,500	34,124,900	69.2891
1995	519,200	40,124,400	77.2812
1996	577,100	40,185,200	69.6330
1997	582,746	42,170,700	72.3655
1998	632,506	47,353,000	74.8657

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 26.4

México: Producción y consumo de caña de azúcar por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	529.2861	529.2861	0.0000
1962	37,486,139	563.2909	563.2909	0.0000
1963	38,800,538	575.4299	575.4299	0.0000
1964	40,147,986	672.2534	672.2534	0.0000
1965	41,535,828	745.2766	745.2766	0.0000
1966	42,955,469	750.2798	750.2798	0.0000
1967	44,397,880	723.1620	723.1620	0.0000
1968	45,859,633	690.8740	690.8740	0.0000
1969	47,337,557	685.4137	685.4137	0.0000
1970	48,852,306	502.0029	502.0029	0.0000
1971	50,393,091	515.6461	515.6461	0.0000
1972	51,948,772	505.3825	505.3825	0.0000
1973	53,517,788	557.7398	557.7398	0.0000
1974	55,104,832	553.3453	553.3453	0.0000
1975	56,687,703	510.6751	510.6751	0.0000
1976	58,291,820	467.2525	467.2525	0.0000
1977	59,900,617	466.5561	466.5561	0.0000
1978	61,527,486	525.7488	525.7488	0.0000
1979	63,161,213	536.1677	536.1677	0.0000
1980	64,788,572	483.7736	483.7736	0.0000
1981	66,425,164	431.7189	431.7189	0.0000
1982	68,081,155	466.6490	466.6490	0.0000
1983	69,744,148	465.8312	465.8312	0.0000
1984	71,421,164	486.4945	486.4945	0.0000
1985	73,112,440	488.1385	488.1385	0.0000
1986	74,817,783	539.6444	539.6444	0.0001
1987	76,536,428	540.5531	540.5531	0.0000
1988	78,266,888	475.8590	475.8590	0.0000
1989	80,019,134	446.2058	446.2058	0.0000
1990	81,781,347	426.6621	426.6618	0.0003
1991	83,554,530	457.0428	457.0427	0.0001
1992	85,348,102	415.6624	415.6621	0.0004
1993	87,117,464	456.4527	456.4527	0.0000
1994	88,863,239	384.0159	384.0159	0.0000
1995	90,578,718	442.9782	442.9781	0.0001
1996	92,228,065	435.7155	435.7139	0.0016
1997	93,813,963	449.5141	449.5101	0.0040
1998	95,326,450	496.7457	496.7445	0.0011

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 26.5

México: Oferta y demanda total del caña de azúcar

(Porcentaje)

AÑO	OFERTA	OFERTA = DEMANDA	DEMANDA				
	Producción	(c = a+b) (c = d)	Consumo aparente total	Desperdicios 1	Transformación	Otros usos	Exportaciones
	(a)		(d = e+f+g)	(e)	(f)	(g)	(h)
1961	100.00	100.00	100.00	2.00	97.00	1.00	0.00
1962	100.00	100.00	100.00	2.00	93.41	4.59	0.00
1963	100.00	100.00	100.00	2.00	96.97	1.03	0.00
1964	100.00	100.00	100.00	2.00	91.77	6.23	0.00
1965	100.00	100.00	100.00	2.00	87.95	10.05	0.00
1966	100.00	100.00	100.00	2.00	86.65	11.35	0.00
1967	100.00	100.00	100.00	2.00	92.18	5.82	0.00
1968	100.00	100.00	100.00	2.00	87.76	10.24	0.00
1969	100.00	100.00	100.00	2.00	91.80	6.20	0.00
1970	100.00	100.00	100.00	2.83	67.08	30.09	0.00
1971	100.00	100.00	100.00	2.52	80.16	17.32	0.00
1972	100.00	100.00	100.00	2.46	83.05	14.50	0.00
1973	100.00	100.00	100.00	2.20	95.19	2.61	0.00
1974	100.00	100.00	100.00	2.20	95.30	2.50	0.00
1975	100.00	100.00	100.00	2.48	79.27	18.25	0.00
1976	100.00	100.00	100.00	2.30	88.03	9.66	0.00
1977	100.00	100.00	100.00	2.10	96.84	1.05	0.00
1978	100.00	100.00	100.00	2.19	92.45	5.36	0.00
1979	100.00	100.00	100.00	2.04	95.76	2.19	0.00
1980	100.00	100.00	100.00	2.33	80.31	17.36	0.00
1981	100.00	100.00	100.00	2.43	76.95	20.62	0.00
1982	100.00	100.00	100.00	2.14	86.89	10.97	0.00
1983	100.00	100.00	100.00	2.10	95.36	2.55	0.00
1984	100.00	100.00	100.00	2.01	96.80	1.19	0.00
1985	100.00	100.00	100.00	2.11	96.64	1.25	0.00
1986	100.00	100.00	100.00	2.08	95.79	2.13	0.00
1987	100.00	100.00	100.00	1.93	96.86	1.21	0.00
1988	100.00	100.00	100.00	2.23	96.24	1.53	0.00
1989	100.00	100.00	100.00	2.46	89.93	7.61	0.00
1990	100.00	100.00	100.00	2.29	90.52	7.19	0.00
1991	100.00	100.00	100.00	2.01	96.63	1.36	0.00
1992	100.00	100.00	100.00	2.35	77.30	20.35	0.00
1993	100.00	100.00	100.00	2.16	93.93	3.92	0.00
1994	100.00	100.00	100.00	2.38	83.26	14.37	0.00
1995	100.00	100.00	100.00	2.12	95.67	2.21	0.00
1996	100.00	100.00	100.00	2.16	93.86	3.98	0.00
1997	100.00	100.00	100.00	2.13	95.35	2.53	0.00
1998	100.00	101.00	100.00	2.07	97.80	0.14	0.00

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 27.1

México: Oferta y demanda total de limones y limas

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	103,000	2,313	105,313	123,662	12,497	111,165	1,311
1962	118,000	2,870	120,870	149,782	15,066	134,716	875
1963	146,000	3,340	149,340	171,883	17,410	154,473	2,214
1964	166,000	2,990	168,990	191,811	19,363	172,448	1,818
1965	183,000	2,541	185,541	210,865	21,204	189,661	1,171
1966	191,000	2,634	193,634	213,304	22,063	191,241	7,330
1967	183,000	2,307	185,307	206,120	21,105	185,015	4,928
1968	183,000	1,822	184,822	208,317	21,034	187,283	2,025
1969	193,000	1,263	194,263	224,017	22,460	201,557	587
1970	211,000	1,014	212,014	240,573	24,171	216,402	1,140
1971	494,000	923	494,923	514,014	51,556	462,458	1,549
1972	451,000	1,092	452,092	475,278	47,748	427,530	2,204
1973	455,000	94	455,094	481,768	48,484	433,284	3,076
1974	439,000	701	439,701	465,927	47,144	418,783	5,513
1975	440,000	447	440,447	462,663	46,874	415,789	6,076
1976	426,000	461	426,461	457,405	46,367	411,038	6,263
1977	444,000	726	444,726	473,601	48,391	425,210	10,309
1978	411,000	787	411,787	437,071	45,470	391,601	17,631
1979	468,000	447	468,447	482,700	50,374	432,326	21,036
1980	565,000	937	565,937	581,018	59,625	521,393	15,235
1981	629,000	2,194	631,194	617,578	63,344	554,234	15,866
1982	755,000	344	755,344	837,480	84,605	752,875	8,567
1983	675,000	0	675,000	681,061	69,503	611,558	13,965
1984	826,000	3,022	829,022	811,930	85,047	726,883	38,537
1985	868,000	3,993	871,993	857,063	89,334	767,729	36,279
1986	743,000	757	743,757	705,287	74,409	630,878	38,801
1987	682,000	1,959	683,959	636,062	68,422	567,640	48,156
1988	660,000	102	660,102	599,954	66,005	533,949	60,095
1989	779,000	122	779,122	718,979	77,866	641,113	59,685
1990	685,400	94	685,494	612,304	68,544	543,760	73,140
1991	4,889,300	165	4,889,465	644,082	71,670	572,412	72,614
1992	2,095,400	248	2,095,648	684,222	77,772	606,450	93,500
1993	2,206,900	172	2,207,072	607,727	72,517	535,210	117,445
1994	2,295,500	603	2,296,103	674,517	81,376	593,141	139,417
1995	2,032,700	1,121	2,033,821	816,120	98,502	717,618	168,937
1996	2,209,600	2,630	2,212,230	959,521	112,866	846,655	169,163
1997	1,714,457	3,177	1,717,634	921,727	112,959	808,768	207,872
1998	1,525,800	897	1,526,697	974,452	121,230	853,222	237,931

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 27.2

México: Balance interno de limones y limas

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	103,000	123,662	-20,662.0
1962	118,000	149,782	-31,782.0
1963	146,000	171,883	-25,883.0
1964	166,000	191,811	-25,811.0
1965	183,000	210,865	-27,865.0
1966	191,000	213,304	-22,304.0
1967	183,000	206,120	-23,120.0
1968	183,000	208,317	-25,317.0
1969	193,000	224,017	-31,017.0
1970	211,000	240,573	-29,573.0
1971	494,000	514,014	-20,014.0
1972	451,000	475,278	-24,278.0
1973	455,000	481,768	-26,768.0
1974	439,000	465,927	-26,927.0
1975	440,000	462,663	-22,663.0
1976	426,000	457,405	-31,405.0
1977	444,000	473,601	-29,601.0
1978	411,000	437,071	-26,071.0
1979	468,000	482,700	-14,700.0
1980	565,000	581,018	-16,018.0
1981	629,000	617,578	11,422.0
1982	755,000	837,480	-82,480.0
1983	675,000	681,061	-6,061.0
1984	826,000	811,930	14,070.0
1985	868,000	857,063	10,937.0
1986	743,000	705,287	37,713.0
1987	682,000	636,062	45,938.0
1988	660,000	599,954	60,046.0
1989	779,000	718,979	60,021.0
1990	685,400	612,304	73,096.0
1991	4,889,300	644,082	4,245,218.0
1992	2,095,400	684,222	1,411,178.0
1993	2,206,900	607,727	1,599,173.0
1994	2,295,500	674,517	1,620,983.0
1995	2,032,700	816,120	1,216,580.0
1996	2,209,600	959,521	1,250,079.0
1997	1,714,457	921,727	792,730.0
1998	1,525,800	974,452	551,348.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 27.3

México: Rendimiento de limones y limas

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	14,000	103,000	7.3571
1962	15,000	118,000	7.8667
1963	16,000	146,000	9.1250
1964	19,000	166,000	8.7368
1965	19,000	183,000	9.6316
1966	20,000	191,000	9.5500
1967	19,000	183,000	9.6316
1968	19,000	183,000	9.6316
1969	21,000	193,000	9.1905
1970	23,000	211,000	9.1739
1971	48,000	494,000	10.2917
1972	48,000	451,000	9.3958
1973	48,000	455,000	9.4792
1974	48,000	439,000	9.1458
1975	48,000	440,000	9.1667
1976	45,000	426,000	9.4667
1977	50,000	444,000	8.8800
1978	47,000	411,000	8.7447
1979	51,000	468,000	9.1765
1980	57,000	565,000	9.9123
1981	62,000	629,000	10.1452
1982	70,000	755,000	10.7857
1983	73,000	675,000	9.2466
1984	70,000	826,000	11.8000
1985	70,000	868,000	12.4000
1986	69,000	743,000	10.7681
1987	65,000	682,000	10.4923
1988	69,000	660,000	9.5652
1989	73,000	779,000	10.6712
1990	72,200	685,400	9.4931
1991	73,500	4,889,300	66.5211
1992	78,900	2,095,400	26.5577
1993	81,200	2,206,900	27.1786
1994	81,600	2,295,500	28.1311
1995	87,300	2,032,700	23.2841
1996	95,300	2,209,600	23.1857
1997	96,625	1,714,457	17.7434
1998	104,700	1,525,800	14.5731

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 27.4

México: Producción y consumo de limones y limas por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	2.8441	3.4147	-0.5705
1962	37,486,139	3.1478	3.9957	-0.8478
1963	38,800,538	3.7628	4.4299	-0.6671
1964	40,147,986	4.1347	4.7776	-0.6429
1965	41,535,828	4.4058	5.0767	-0.6709
1966	42,955,469	4.4465	4.9657	-0.5192
1967	44,397,880	4.1218	4.6426	-0.5207
1968	45,859,633	3.9904	4.5425	-0.5521
1969	47,337,557	4.0771	4.7323	-0.6552
1970	48,852,306	4.3191	4.9245	-0.6054
1971	50,393,091	9.8029	10.2001	-0.3972
1972	51,948,772	8.6816	9.1490	-0.4673
1973	53,517,788	8.5018	9.0020	-0.5002
1974	55,104,832	7.9666	8.4553	-0.4887
1975	56,687,703	7.7618	8.1616	-0.3998
1976	58,291,820	7.3081	7.8468	-0.5388
1977	59,900,617	7.4123	7.9064	-0.4942
1978	61,527,486	6.6799	7.1037	-0.4237
1979	63,161,213	7.4096	7.6423	-0.2327
1980	64,788,572	8.7207	8.9679	-0.2472
1981	66,425,164	9.4693	9.2974	0.1720
1982	68,081,155	11.0897	12.3012	-1.2115
1983	69,744,148	9.6782	9.7651	-0.0869
1984	71,421,164	11.5652	11.3682	0.1970
1985	73,112,440	11.8721	11.7225	0.1496
1986	74,817,783	9.9308	9.4267	0.5041
1987	76,536,428	8.9108	8.3106	0.6002
1988	78,266,888	8.4327	7.6655	0.7672
1989	80,019,134	9.7352	8.9851	0.7501
1990	81,781,347	8.3809	7.4871	0.8938
1991	83,554,530	58.5163	7.7085	50.8078
1992	85,348,102	24.5512	8.0168	16.5344
1993	87,117,464	25.3325	6.9759	18.3565
1994	88,863,239	25.8318	7.5905	18.2413
1995	90,578,718	22.4413	9.0101	13.4312
1996	92,228,065	23.9580	10.4038	13.5542
1997	93,813,963	18.2751	9.8251	8.4500
1998	95,326,450	16.0061	10.2223	5.7838

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 27.5

México: Oferta y demanda total de limones y limas

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	97.8	2.2	100.0	117.4	10.1	89.9	1.2
1962	97.6	2.4	100.0	123.9	10.1	89.9	0.7
1963	97.8	2.2	100.0	115.1	10.1	89.9	1.5
1964	98.2	1.8	100.0	113.5	10.1	89.9	1.1
1965	98.6	1.4	100.0	113.6	10.1	89.9	0.6
1966	98.6	1.4	100.0	110.2	10.3	89.7	3.8
1967	98.8	1.2	100.0	111.2	10.2	89.8	2.7
1968	99.0	1.0	100.0	112.7	10.1	89.9	1.1
1969	99.3	0.7	100.0	115.3	10.0	90.0	0.3
1970	99.5	0.5	100.0	113.5	10.0	90.0	0.5
1971	99.8	0.2	100.0	103.9	10.0	90.0	0.3
1972	99.8	0.2	100.0	105.1	10.0	90.0	0.5
1973	100.0	0.0	100.0	105.9	10.1	89.9	0.7
1974	99.8	0.2	100.0	106.0	10.1	89.9	1.3
1975	99.9	0.1	100.0	105.0	10.1	89.9	1.4
1976	99.9	0.1	100.0	107.3	10.1	89.9	1.5
1977	99.8	0.2	100.0	106.5	10.2	89.8	2.3
1978	99.8	0.2	100.0	106.1	10.4	89.6	4.3
1979	99.9	0.1	100.0	103.0	10.4	89.6	4.5
1980	99.8	0.2	100.0	102.7	10.3	89.7	2.7
1981	99.7	0.3	100.0	97.8	10.3	89.7	2.5
1982	100.0	0.0	100.0	110.9	10.1	89.9	1.1
1983	100.0	0.0	100.0	100.9	10.2	89.8	2.1
1984	99.6	0.4	100.0	97.9	10.5	89.5	4.6
1985	99.5	0.5	100.0	98.3	10.4	89.6	4.2
1986	99.9	0.1	100.0	94.8	10.6	89.4	5.2
1987	99.7	0.3	100.0	93.0	10.8	89.2	7.0
1988	100.0	0.0	100.0	90.9	11.0	89.0	9.1
1989	100.0	0.0	100.0	92.3	10.8	89.2	7.7
1990	100.0	0.0	100.0	89.3	11.2	88.8	10.7
1991	100.0	0.0	100.0	13.2	11.1	88.9	1.5
1992	100.0	0.0	100.0	32.6	11.4	88.6	4.5
1993	100.0	0.0	100.0	27.5	11.9	88.1	5.3
1994	100.0	0.0	100.0	29.4	12.1	87.9	6.1
1995	99.9	0.1	100.0	40.1	12.1	87.9	8.3
1996	99.9	0.1	100.0	43.4	11.8	88.2	7.6
1997	99.8	0.2	100.0	53.7	12.3	87.7	12.1
1998	99.9	0.1	100.0	63.8	12.4	87.6	15.6

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 28.1

México: Oferta y demanda total de naranjas y mandarinas

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	772,000	3,800	775,800	738,807	84,618	654,189	36,993
1962	883,000	2,748	885,748	866,205	95,527	770,678	19,543
1963	855,000	3,550	858,550	806,547	93,339	713,208	52,003
1964	845,000	3,130	848,130	768,275	92,844	675,431	79,855
1965	1,401,000	3,001	1,404,001	1,315,257	148,877	1,166,380	88,744
1966	1,537,000	2,599	1,539,599	1,507,047	153,985	1,353,062	32,552
1967	1,805,000	643	1,805,643	1,759,855	190,567	1,569,288	45,788
1968	1,721,000	81	1,721,081	1,636,833	182,121	1,454,712	84,248
1969	1,626,000	51	1,626,051	1,573,131	173,131	1,400,000	52,920
1970	1,255,000	0	1,255,000	1,203,172	135,968	1,067,204	51,828
1971	1,566,000	0	1,566,000	1,507,956	166,995	1,340,961	58,044
1972	1,613,000	0	1,613,000	1,523,647	169,827	1,353,820	89,353
1973	1,798,000	441	1,798,441	1,701,750	190,183	1,511,567	96,691
1974	1,420,000	195	1,420,195	1,333,997	154,266	1,179,731	86,198
1975	1,615,000	260	1,615,260	1,578,086	177,084	1,401,002	37,174
1976	1,787,000	540	1,787,540	1,731,819	185,710	1,546,109	55,721
1977	1,857,000	998	1,857,998	1,753,702	191,568	1,562,134	104,296
1978	1,902,000	406	1,902,406	1,826,202	200,344	1,625,858	76,204
1979	1,902,000	494	1,902,494	1,833,646	200,804	1,632,842	68,848
1980	1,743,000	564	1,743,564	1,700,793	187,075	1,513,718	42,771
1981	1,820,000	1,568	1,821,568	1,780,158	193,478	1,586,680	41,410
1982	2,083,000	6	2,083,006	2,019,787	216,906	1,802,881	63,219
1983	2,113,000	0	2,113,000	2,008,397	219,682	1,788,715	104,603
1984	1,657,000	4	1,657,004	1,596,476	191,914	1,404,562	60,528
1985	1,770,000	0	1,770,000	1,563,663	185,492	1,378,171	206,337
1986	1,909,000	0	1,909,000	1,813,919	199,701	1,614,218	95,081
1987	1,934,000	2	1,934,002	1,810,040	202,354	1,607,686	123,962
1988	2,099,000	5,552	2,104,552	1,981,272	219,269	1,762,003	123,280
1989	2,372,000	4,583	2,376,583	2,236,610	246,579	1,990,031	139,973
1990	2,220,300	6,136	2,226,436	2,041,372	230,430	1,810,942	185,064
1991	2,369,500	4,928	2,374,428	2,261,794	245,879	2,015,915	112,634
1992	2,541,500	6,751	2,548,251	2,488,179	263,166	2,225,013	60,072
1993	2,913,700	7,540	2,921,240	2,862,043	311,263	2,550,780	59,197
1994	3,191,100	31,273	3,222,373	3,128,364	341,263	2,787,101	94,009
1995	3,571,500	12,029	3,583,529	3,408,714	384,752	3,023,962	174,815
1996	3,984,600	17,460	4,002,060	3,879,184	396,532	3,482,652	122,876
1997	3,943,858	22,924	3,966,782	3,836,051	420,724	3,415,327	130,731
1998	3,331,200	34,006	3,365,206	3,145,233	353,966	2,791,267	219,973

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 28.2

México: Balance interno de naranjas y mandarinas

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	772,000	738,807	33,193
1962	883,000	866,205	16,795
1963	855,000	806,547	48,453
1964	845,000	768,275	76,725
1965	1,401,000	1,315,257	85,743
1966	1,537,000	1,507,047	29,953
1967	1,805,000	1,759,855	45,145
1968	1,721,000	1,636,833	84,167
1969	1,626,000	1,573,131	52,869
1970	1,255,000	1,203,172	51,828
1971	1,566,000	1,507,956	58,044
1972	1,613,000	1,523,647	89,353
1973	1,798,000	1,701,750	96,250
1974	1,420,000	1,333,997	86,003
1975	1,615,000	1,578,086	36,914
1976	1,787,000	1,731,819	55,181
1977	1,857,000	1,753,702	103,298
1978	1,902,000	1,826,202	75,798
1979	1,902,000	1,833,646	68,354
1980	1,743,000	1,700,793	42,207
1981	1,820,000	1,780,158	39,842
1982	2,083,000	2,019,787	63,213
1983	2,113,000	2,008,397	104,603
1984	1,657,000	1,596,476	60,524
1985	1,770,000	1,563,663	206,337
1986	1,909,000	1,813,919	95,081
1987	1,934,000	1,810,040	123,960
1988	2,099,000	1,981,272	117,728
1989	2,372,000	2,236,610	135,390
1990	2,220,300	2,041,372	178,928
1991	2,369,500	2,261,794	107,706
1992	2,541,500	2,488,179	53,321
1993	2,913,700	2,862,043	51,657
1994	3,191,100	3,128,364	62,736
1995	3,571,500	3,408,714	162,786
1996	3,984,600	3,879,184	105,416
1997	3,943,858	3,836,051	107,807
1998	3,331,200	3,145,233	185,967

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 28.3

México: Rendimiento de naranjas y mandarinas

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	73,000	772,000	10.5753
1962	79,000	883,000	11.1772
1963	78,000	855,000	10.9615
1964	78,000	845,000	10.8333
1965	90,000	1,401,000	15.5667
1966	99,000	1,537,000	15.5253
1967	139,000	1,805,000	12.9856
1968	143,000	1,721,000	12.0350
1969	143,000	1,626,000	11.3706
1970	154,000	1,255,000	8.1494
1971	151,000	1,566,000	10.3709
1972	155,000	1,613,000	10.4065
1973	167,000	1,798,000	10.7665
1974	161,000	1,420,000	8.8199
1975	167,000	1,615,000	9.6707
1976	161,000	1,787,000	11.0994
1977	165,000	1,857,000	11.2545
1978	165,000	1,902,000	11.5273
1979	168,000	1,902,000	11.3214
1980	162,000	1,743,000	10.7593
1981	167,000	1,820,000	10.8982
1982	170,000	2,083,000	12.2529
1983	188,000	2,113,000	11.2394
1984	150,000	1,657,000	11.0467
1985	128,000	1,770,000	13.8281
1986	131,000	1,909,000	14.5725
1987	164,000	1,934,000	11.7927
1988	164,000	2,099,000	12.7988
1989	174,000	2,372,000	13.6322
1990	176,000	2,220,300	12.6153
1991	182,800	2,369,500	12.9623
1992	217,600	2,541,500	11.6797
1993	240,700	2,913,700	12.1051
1994	257,300	3,191,100	12.4023
1995	273,200	3,571,500	13.0728
1996	312,600	3,984,600	12.7466
1997	307,332	3,943,858	12.8326
1998	305,800	3,331,200	10.8934

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 28.4

México: Producción y consumo de naranjas y mandarinas por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	21.3173	20.4007	0.9166
1962	37,486,139	23.5554	23.1073	0.4480
1963	38,800,538	22.0358	20.7870	1.2488
1964	40,147,986	21.0471	19.1361	1.9111
1965	41,535,828	33.7299	31.6656	2.0643
1966	42,955,469	35.7812	35.0839	0.6973
1967	44,397,880	40.6551	39.6383	1.0168
1968	45,859,633	37.5276	35.6922	1.8353
1969	47,337,557	34.3490	33.2322	1.1169
1970	48,852,306	25.6897	24.6288	1.0609
1971	50,393,091	31.0757	29.9239	1.1518
1972	51,948,772	31.0498	29.3298	1.7200
1973	53,517,788	33.5963	31.7978	1.7985
1974	55,104,832	25.7691	24.2083	1.5607
1975	56,687,703	28.4894	27.8382	0.6512
1976	58,291,820	30.6561	29.7095	0.9466
1977	59,900,617	31.0014	29.2769	1.7245
1978	61,527,486	30.9130	29.6811	1.2319
1979	63,161,213	30.1134	29.0312	1.0822
1980	64,788,572	26.9029	26.2514	0.6515
1981	66,425,164	27.3993	26.7995	0.5998
1982	68,081,155	30.5958	29.6673	0.9285
1983	69,744,148	30.2964	28.7966	1.4998
1984	71,421,164	23.2004	22.3530	0.8474
1985	73,112,440	24.2093	21.3871	2.8222
1986	74,817,783	25.5153	24.2445	1.2708
1987	76,536,428	25.2690	23.6494	1.6196
1988	78,266,888	26.8185	25.3143	1.5042
1989	80,019,134	29.6429	27.9509	1.6920
1990	81,781,347	27.1492	24.9613	2.1879
1991	83,554,530	28.3587	27.0697	1.2891
1992	85,348,102	29.7780	29.1533	0.6247
1993	87,117,464	33.4456	32.8527	0.5930
1994	88,863,239	35.9102	35.2043	0.7060
1995	90,578,718	39.4298	37.6326	1.7972
1996	92,228,065	43.2038	42.0608	1.1430
1997	93,813,963	42.0391	40.8900	1.1492
1998	95,326,450	34.9452	32.9943	1.9508

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 28.5

México: Oferta y demanda total de naranjas y mandarinas

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+g)	Consumo aparente total (d = e+f)	Desperdicios 1 (e)	Alimentación (f)	Exportaciones (g)
1961	99.5	0.5	100.0	95.2	11.5	88.5	4.8
1962	99.7	0.3	100.0	97.8	11.0	89.0	2.2
1963	99.6	0.4	100.0	93.9	11.6	88.4	6.1
1964	99.6	0.4	100.0	90.6	12.1	87.9	9.4
1965	99.8	0.2	100.0	93.7	11.3	88.7	6.3
1966	99.8	0.2	100.0	97.9	10.2	89.8	2.1
1967	100.0	0.0	100.0	97.5	10.8	89.2	2.5
1968	100.0	0.0	100.0	95.1	11.1	88.9	4.9
1969	100.0	0.0	100.0	96.7	11.0	89.0	3.3
1970	100.0	0.0	100.0	95.9	11.3	88.7	4.1
1971	100.0	0.0	100.0	96.3	11.1	88.9	3.7
1972	100.0	0.0	100.0	94.5	11.1	88.9	5.5
1973	100.0	0.0	100.0	94.6	11.2	88.8	5.4
1974	100.0	0.0	100.0	93.9	11.6	88.4	6.1
1975	100.0	0.0	100.0	97.7	11.2	88.8	2.3
1976	100.0	0.0	100.0	96.9	10.7	89.3	3.1
1977	99.9	0.1	100.0	94.4	10.9	89.1	5.6
1978	100.0	0.0	100.0	96.0	11.0	89.0	4.0
1979	100.0	0.0	100.0	96.4	11.0	89.0	3.6
1980	100.0	0.0	100.0	97.5	11.0	89.0	2.5
1981	99.9	0.1	100.0	97.7	10.9	89.1	2.3
1982	100.0	0.0	100.0	97.0	10.7	89.3	3.0
1983	100.0	0.0	100.0	95.0	10.9	89.1	5.0
1984	100.0	0.0	100.0	96.3	12.0	88.0	3.7
1985	100.0	0.0	100.0	88.3	11.9	88.1	11.7
1986	100.0	0.0	100.0	95.0	11.0	89.0	5.0
1987	100.0	0.0	100.0	93.6	11.2	88.8	6.4
1988	99.7	0.3	100.0	94.1	11.1	88.9	5.9
1989	99.8	0.2	100.0	94.1	11.0	89.0	5.9
1990	99.7	0.3	100.0	91.7	11.3	88.7	8.3
1991	99.8	0.2	100.0	95.3	10.9	89.1	4.7
1992	99.7	0.3	100.0	97.6	10.6	89.4	2.4
1993	99.7	0.3	100.0	98.0	10.9	89.1	2.0
1994	99.0	1.0	100.0	97.1	10.9	89.1	2.9
1995	99.7	0.3	100.0	95.1	11.3	88.7	4.9
1996	99.6	0.4	100.0	96.9	10.2	89.8	3.1
1997	99.4	0.6	100.0	96.7	11.0	89.0	3.3
1998	99.0	1.0	100.0	93.5	11.3	88.7	6.5

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 29.1

México: Oferta y demanda total de manzanas

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	80,000	2,045	82,045	81,995	8,177	73,818	50
1962	95,000	2,370	97,370	97,370	9,780	87,590	0
1963	119,000	3,490	122,490	122,370	12,231	110,139	120
1964	124,000	3,355	127,355	127,355	12,686	114,669	0
1965	136,000	3,901	139,901	139,831	14,014	125,817	70
1966	140,000	2,974	142,974	142,963	14,278	128,685	11
1967	115,000	2,607	117,607	117,575	11,774	105,801	32
1968	126,000	2,283	128,283	128,283	12,869	115,414	0
1969	145,000	2,481	147,481	147,434	14,797	132,637	47
1970	146,000	4,367	150,367	150,367	14,998	135,369	0
1971	233,000	5,799	238,799	238,672	23,836	214,836	127
1972	227,000	7,401	234,401	234,400	23,430	210,970	1
1973	190,000	4,483	194,483	194,431	19,482	174,949	52
1974	232,000	5,160	237,160	237,039	23,747	213,292	121
1975	194,000	5,173	199,173	199,163	19,916	179,247	10
1976	329,000	7,232	336,232	336,232	33,666	302,566	0
1977	187,000	5,479	192,479	192,473	19,215	173,258	6
1978	274,000	4,072	278,072	277,850	28,861	248,989	222
1979	277,000	1,771	278,771	278,746	29,840	248,906	25
1980	249,000	5,151	254,151	254,125	26,692	227,433	26
1981	386,000	2,389	388,389	388,379	29,314	359,065	10
1982	371,000	94	371,094	371,070	29,284	341,786	24
1983	294,000	17	294,017	294,005	28,778	265,227	12
1984	461,000	26	461,026	461,024	45,853	415,171	2
1985	423,000	11	423,011	422,969	42,308	380,661	42
1986	448,000	589	448,589	448,549	44,839	403,710	40
1987	486,000	1,891	487,891	487,880	48,819	439,061	11
1988	507,000	3,258	510,258	506,595	50,999	455,596	3,663
1989	506,000	1,095	507,095	502,515	50,631	451,884	4,580
1990	456,500	5,299	461,799	453,671	46,099	407,572	8,128
1991	527,400	21,953	549,353	541,571	54,621	486,950	7,782
1992	598,200	63,464	661,664	651,172	65,941	585,231	10,492
1993	537,800	127,046	664,846	652,519	66,005	586,514	12,327
1994	487,700	163,164	650,864	637,782	64,381	573,401	13,082
1995	413,200	84,776	497,976	486,998	49,511	437,487	10,978
1996	426,700	93,726	520,426	508,677	51,457	457,220	11,749
1997	629,277	116,236	745,513	727,814	59,002	668,812	17,699
1998	370,200	87,057	457,257	427,495	45,907	381,588	29,762

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 29.2

México: Balance interno de manzanas

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	80,000	81,995	-1,995.0
1962	95,000	97,370	-2,370.0
1963	119,000	122,370	-3,370.0
1964	124,000	127,355	-3,355.0
1965	136,000	139,831	-3,831.0
1966	140,000	142,963	-2,963.0
1967	115,000	117,575	-2,575.0
1968	126,000	128,283	-2,283.0
1969	145,000	147,434	-2,434.0
1970	146,000	150,367	-4,367.0
1971	233,000	238,672	-5,672.0
1972	227,000	234,400	-7,400.0
1973	190,000	194,431	-4,431.0
1974	232,000	237,039	-5,039.0
1975	194,000	199,163	-5,163.0
1976	329,000	336,232	-7,232.0
1977	187,000	192,473	-5,473.0
1978	274,000	277,850	-3,850.0
1979	277,000	278,746	-1,746.0
1980	249,000	254,125	-5,125.0
1981	386,000	388,379	-2,379.0
1982	371,000	371,070	-70.0
1983	294,000	294,005	-5.0
1984	461,000	461,024	-24.0
1985	423,000	422,969	31.0
1986	448,000	448,549	-549.0
1987	486,000	487,880	-1,880.0
1988	507,000	506,595	405.0
1989	506,000	502,515	3,485.0
1990	456,500	453,671	2,829.0
1991	527,400	541,571	-14,171.0
1992	598,200	651,172	-52,972.0
1993	537,800	652,519	-114,719.0
1994	487,700	637,782	-150,082.0
1995	413,200	486,998	-73,798.0
1996	426,700	508,677	-81,977.0
1997	629,277	727,814	-98,537.0
1998	370,200	427,495	-57,295.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 29.3

México: Rendimiento de manzanas

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	8,000	80,000	10.0000
1962	9,000	95,000	10.5556
1963	10,000	119,000	11.9000
1964	11,000	124,000	11.2727
1965	12,000	136,000	11.3333
1966	12,000	140,000	11.6667
1967	11,000	115,000	10.4545
1968	12,000	126,000	10.5000
1969	15,000	145,000	9.6667
1970	16,000	146,000	9.1250
1971	22,000	233,000	10.5909
1972	30,000	227,000	7.5667
1973	33,000	190,000	5.7576
1974	35,000	232,000	6.6286
1975	32,000	194,000	6.0625
1976	34,000	329,000	9.6765
1977	40,000	187,000	4.6750
1978	41,000	274,000	6.6829
1979	42,000	277,000	6.5952
1980	45,000	249,000	5.5333
1981	56,000	386,000	6.8929
1982	45,000	371,000	8.2444
1983	47,000	294,000	6.2553
1984	54,000	461,000	8.5370
1985	52,000	423,000	8.1346
1986	49,000	448,000	9.1429
1987	46,000	486,000	10.5652
1988	57,000	507,000	8.8947
1989	57,000	506,000	8.8772
1990	57,800	456,500	7.8979
1991	58,000	527,400	9.0931
1992	60,400	598,200	9.9040
1993	66,400	537,800	8.0994
1994	61,500	487,700	7.9301
1995	61,300	413,200	6.7406
1996	60,200	426,700	7.0880
1997	62,507	629,277	10.0673
1998	58,700	370,200	6.3066

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 29.4

México: Producción y consumo de manzanas por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	2.2090	2.2641	-0.0551
1962	37,486,139	2.5343	2.5975	-0.0632
1963	38,800,538	3.0670	3.1538	-0.0869
1964	40,147,986	3.0886	3.1721	-0.0836
1965	41,535,828	3.2743	3.3665	-0.0922
1966	42,955,469	3.2592	3.3282	-0.0690
1967	44,397,880	2.5902	2.6482	-0.0580
1968	45,859,633	2.7475	2.7973	-0.0498
1969	47,337,557	3.0631	3.1145	-0.0514
1970	48,852,306	2.9886	3.0780	-0.0894
1971	50,393,091	4.6236	4.7362	-0.1126
1972	51,948,772	4.3697	4.5121	-0.1424
1973	53,517,788	3.5502	3.6330	-0.0828
1974	55,104,832	4.2102	4.3016	-0.0914
1975	56,687,703	3.4223	3.5133	-0.0911
1976	58,291,820	5.6440	5.7681	-0.1241
1977	59,900,617	3.1218	3.2132	-0.0914
1978	61,527,486	4.4533	4.5159	-0.0626
1979	63,161,213	4.3856	4.4132	-0.0276
1980	64,788,572	3.8433	3.9224	-0.0791
1981	66,425,164	5.8111	5.8469	-0.0358
1982	68,081,155	5.4494	5.4504	-0.0010
1983	69,744,148	4.2154	4.2155	-0.0001
1984	71,421,164	6.4547	6.4550	-0.0003
1985	73,112,440	5.7856	5.7852	0.0004
1986	74,817,783	5.9879	5.9952	-0.0073
1987	76,536,428	6.3499	6.3745	-0.0246
1988	78,266,888	6.4778	6.4727	0.0052
1989	80,019,134	6.3235	6.2799	0.0436
1990	81,781,347	5.5820	5.5474	0.0346
1991	83,554,530	6.3120	6.4816	-0.1696
1992	85,348,102	7.0089	7.6296	-0.6207
1993	87,117,464	6.1733	7.4901	-1.3168
1994	88,863,239	5.4882	7.1771	-1.6889
1995	90,578,718	4.5618	5.3765	-0.8147
1996	92,228,065	4.6266	5.5154	-0.8889
1997	93,813,963	6.7077	7.7581	-1.0503
1998	95,326,450	3.8835	4.4845	-0.6010

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 29.5

México: Oferta y demanda total de manzanas

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	97.5	2.5	100.0	99.9	10.0	90.0	0.1
1962	97.6	2.4	100.0	100.0	10.0	90.0	0.0
1963	97.2	2.8	100.0	99.9	10.0	90.0	0.1
1964	97.4	2.6	100.0	100.0	10.0	90.0	0.0
1965	97.2	2.8	100.0	99.9	10.0	90.0	0.1
1966	97.9	2.1	100.0	100.0	10.0	90.0	0.0
1967	97.8	2.2	100.0	100.0	10.0	90.0	0.0
1968	98.2	1.8	100.0	100.0	10.0	90.0	0.0
1969	98.3	1.7	100.0	100.0	10.0	90.0	0.0
1970	97.1	2.9	100.0	100.0	10.0	90.0	0.0
1971	97.6	2.4	100.0	99.9	10.0	90.0	0.1
1972	96.8	3.2	100.0	100.0	10.0	90.0	0.0
1973	97.7	2.3	100.0	100.0	10.0	90.0	0.0
1974	97.8	2.2	100.0	99.9	10.0	90.0	0.1
1975	97.4	2.6	100.0	100.0	10.0	90.0	0.0
1976	97.8	2.2	100.0	100.0	10.0	90.0	0.0
1977	97.2	2.8	100.0	100.0	10.0	90.0	0.0
1978	98.5	1.5	100.0	99.9	10.4	89.6	0.1
1979	99.4	0.6	100.0	100.0	10.7	89.3	0.0
1980	98.0	2.0	100.0	100.0	10.5	89.5	0.0
1981	99.4	0.6	100.0	100.0	7.5	92.5	0.0
1982	100.0	0.0	100.0	100.0	7.9	92.1	0.0
1983	100.0	0.0	100.0	100.0	9.8	90.2	0.0
1984	100.0	0.0	100.0	100.0	9.9	90.1	0.0
1985	100.0	0.0	100.0	100.0	10.0	90.0	0.0
1986	99.9	0.1	100.0	100.0	10.0	90.0	0.0
1987	99.6	0.4	100.0	100.0	10.0	90.0	0.0
1988	99.4	0.6	100.0	99.3	10.1	89.9	0.7
1989	99.8	0.2	100.0	99.1	10.1	89.9	0.9
1990	98.9	1.1	100.0	98.2	10.2	89.8	1.8
1991	96.0	4.0	100.0	98.6	10.1	89.9	1.4
1992	90.4	9.6	100.0	98.4	10.1	89.9	1.6
1993	80.9	19.1	100.0	98.1	10.1	89.9	1.9
1994	74.9	25.1	100.0	98.0	10.1	89.9	2.0
1995	83.0	17.0	100.0	97.8	10.2	89.8	2.2
1996	82.0	18.0	100.0	97.7	10.1	89.9	2.3
1997	84.4	15.6	100.0	97.6	8.1	91.9	2.4
1998	81.0	19.0	100.0	93.5	10.7	89.3	6.5

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 30.1

México: Oferta y demanda total de platano

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	647,000	0	647,000	624,430	84,066	540,364	22,570
1962	710,000	0	710,000	701,610	92,349	609,261	8,390
1963	940,000	0	940,000	928,420	122,166	806,254	11,580
1964	949,000	0	949,000	931,930	123,340	808,590	17,070
1965	1,035,000	0	1,035,000	1,020,660	134,560	886,100	14,340
1966	1,058,000	0	1,058,000	1,046,123	137,484	908,639	11,877
1967	916,000	0	916,000	909,130	119,051	790,079	6,870
1968	904,000	0	904,000	892,378	117,557	774,821	11,622
1969	721,000	0	721,000	719,386	93,739	625,647	1,614
1970	965,000	0	965,000	963,661	125,483	838,178	1,339
1971	1,121,000	0	1,121,000	1,120,537	145,746	974,791	463
1972	1,094,000	0	1,094,000	1,092,530	142,156	950,374	1,470
1973	1,064,000	0	1,064,000	1,062,831	138,260	924,571	1,169
1974	1,098,000	0	1,098,000	1,097,967	142,734	955,233	33
1975	1,195,000	0	1,195,000	1,191,444	155,324	1,036,120	3,556
1976	1,199,000	0	1,199,000	1,188,568	155,926	1,032,642	10,432
1977	1,276,000	0	1,276,000	1,260,260	165,881	1,094,379	15,740
1978	1,393,000	0	1,393,000	1,375,457	181,100	1,194,357	17,543
1979	1,271,000	0	1,271,000	1,253,953	166,062	1,087,891	17,047
1980	1,438,000	0	1,438,000	1,422,090	186,909	1,235,181	15,910
1981	1,605,000	0	1,605,000	1,599,073	206,813	1,392,260	5,927
1982	1,673,000	0	1,673,000	1,666,055	204,412	1,461,643	6,945
1983	1,622,000	0	1,622,000	1,602,776	213,260	1,389,516	19,224
1984	2,093,000	0	2,093,000	2,060,572	272,118	1,788,454	32,428
1985	1,996,000	0	1,996,000	1,952,169	259,474	1,692,695	43,831
1986	1,473,000	0	1,473,000	1,392,464	191,461	1,201,003	80,536
1987	1,770,000	0	1,770,000	1,675,418	230,084	1,445,334	94,582
1988	1,566,000	341	1,566,341	1,476,663	203,580	1,273,083	89,678
1989	1,824,000	2,730	1,826,730	1,726,670	237,429	1,489,241	100,060
1990	1,986,400	933	1,987,333	1,833,219	258,353	1,574,866	154,114
1991	1,889,300	21	1,889,321	1,651,361	245,611	1,405,750	237,960
1992	2,095,400	92	2,095,492	1,915,934	272,408	1,643,526	179,558
1993	2,206,900	31	2,206,931	1,911,547	286,900	1,624,647	295,384
1994	2,295,500	21	2,295,521	2,087,590	298,411	1,789,179	207,931
1995	2,032,700	7	2,032,707	1,932,641	264,246	1,668,395	100,066
1996	2,209,600	4	2,209,604	2,046,690	271,615	1,775,075	162,914
1997	1,714,457	9	1,714,466	1,474,236	121,230	1,353,006	240,230
1998	1,525,800	0	1,525,800	1,285,570	121,230	1,164,340	240,230

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 30.2

México: Balance interno de platano

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	647,000	624,430	22,570.0
1962	710,000	701,610	8,390.0
1963	940,000	928,420	11,580.0
1964	949,000	931,930	17,070.0
1965	1,035,000	1,020,660	14,340.0
1966	1,058,000	1,046,123	11,877.0
1967	916,000	909,130	6,870.0
1968	904,000	892,378	11,622.0
1969	721,000	719,386	1,614.0
1970	965,000	963,661	1,339.0
1971	1,121,000	1,120,537	463.0
1972	1,094,000	1,092,530	1,470.0
1973	1,064,000	1,062,831	1,169.0
1974	1,098,000	1,097,967	33.0
1975	1,195,000	1,191,444	3,556.0
1976	1,199,000	1,188,568	10,432.0
1977	1,276,000	1,260,260	15,740.0
1978	1,393,000	1,375,457	17,543.0
1979	1,271,000	1,253,953	17,047.0
1980	1,438,000	1,422,090	15,910.0
1981	1,605,000	1,599,073	5,927.0
1982	1,673,000	1,666,055	6,945.0
1983	1,622,000	1,602,776	19,224.0
1984	2,093,000	2,060,572	32,428.0
1985	1,996,000	1,952,169	43,831.0
1986	1,473,000	1,392,464	80,536.0
1987	1,770,000	1,675,418	94,582.0
1988	1,566,000	1,476,663	89,337.0
1989	1,824,000	1,726,670	97,330.0
1990	1,986,400	1,833,219	153,181.0
1991	1,889,300	1,651,361	237,939.0
1992	2,095,400	1,915,934	179,466.0
1993	2,206,900	1,911,547	295,353.0
1994	2,295,500	2,087,590	207,910.0
1995	2,032,700	1,932,641	100,059.0
1996	2,209,600	2,046,690	162,910.0
1997	1,714,457	1,474,236	240,221.0
1998	1,525,800	1,285,570	240,230.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 30.3

México: Rendimiento de platano

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	56,000	647,000	11.5536
1962	59,000	710,000	12.0339
1963	74,000	940,000	12.7027
1964	74,000	949,000	12.8243
1965	75,000	1,035,000	13.8000
1966	81,000	1,058,000	13.0617
1967	71,000	916,000	12.9014
1968	71,000	904,000	12.7324
1969	58,000	721,000	12.4310
1970	74,000	965,000	13.0405
1971	82,000	1,121,000	13.6707
1972	74,000	1,094,000	14.7838
1973	67,000	1,064,000	15.8806
1974	71,000	1,098,000	15.4648
1975	75,000	1,195,000	15.9333
1976	73,000	1,199,000	16.4247
1977	68,000	1,276,000	18.7647
1978	72,000	1,393,000	19.3472
1979	66,000	1,271,000	19.2576
1980	73,000	1,438,000	19.6986
1981	75,000	1,605,000	21.4000
1982	74,000	1,673,000	22.6081
1983	72,000	1,622,000	22.5278
1984	75,000	2,093,000	27.9067
1985	79,000	1,996,000	25.2658
1986	72,000	1,473,000	20.4583
1987	80,000	1,770,000	22.1250
1988	71,000	1,566,000	22.0563
1989	81,000	1,824,000	22.5185
1990	74,700	1,986,400	26.5917
1991	73,600	1,889,300	25.6698
1992	73,800	2,095,400	28.3930
1993	78,700	2,206,900	28.0419
1994	75,200	2,295,500	30.5253
1995	73,600	2,032,700	27.6182
1996	68,400	2,209,600	32.3041
1997	67,801	1,714,457	25.2866
1998	66,400	1,525,800	22.9789

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 30.4

México: Producción y consumo de platano por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	17.8656	17.2424	0.6232
1962	37,486,139	18.9403	18.7165	0.2238
1963	38,800,538	24.2265	23.9280	0.2984
1964	40,147,986	23.6375	23.2124	0.4252
1965	41,535,828	24.9182	24.5730	0.3452
1966	42,955,469	24.6302	24.3537	0.2765
1967	44,397,880	20.6316	20.4769	0.1547
1968	45,859,633	19.7123	19.4589	0.2534
1969	47,337,557	15.2310	15.1969	0.0341
1970	48,852,306	19.7534	19.7260	0.0274
1971	50,393,091	22.2451	22.2359	0.0092
1972	51,948,772	21.0592	21.0309	0.0283
1973	53,517,788	19.8812	19.8594	0.0218
1974	55,104,832	19.9257	19.9251	0.0006
1975	56,687,703	21.0804	21.0177	0.0627
1976	58,291,820	20.5689	20.3900	0.1790
1977	59,900,617	21.3020	21.0392	0.2628
1978	61,527,486	22.6403	22.3552	0.2851
1979	63,161,213	20.1231	19.8532	0.2699
1980	64,788,572	22.1953	21.9497	0.2456
1981	66,425,164	24.1625	24.0733	0.0892
1982	68,081,155	24.5736	24.4716	0.1020
1983	69,744,148	23.2564	22.9808	0.2756
1984	71,421,164	29.3050	28.8510	0.4540
1985	73,112,440	27.3004	26.7009	0.5995
1986	74,817,783	19.6878	18.6114	1.0764
1987	76,536,428	23.1262	21.8905	1.2358
1988	78,266,888	20.0085	18.8670	1.1414
1989	80,019,134	22.7945	21.5782	1.2163
1990	81,781,347	24.2892	22.4161	1.8731
1991	83,554,530	22.6116	19.7639	2.8477
1992	85,348,102	24.5512	22.4485	2.1028
1993	87,117,464	25.3325	21.9422	3.3903
1994	88,863,239	25.8318	23.4922	2.3397
1995	90,578,718	22.4413	21.3366	1.1047
1996	92,228,065	23.9580	22.1916	1.7664
1997	93,813,963	18.2751	15.7145	2.5606
1998	95,326,450	16.0061	13.4860	2.5201

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 30.5

México: Oferta y demanda total de platano

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios [1]	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	100.0	0.0	100.0	96.5	13.5	86.5	3.5
1962	100.0	0.0	100.0	98.8	13.2	86.8	1.2
1963	100.0	0.0	100.0	98.8	13.2	86.8	1.2
1964	100.0	0.0	100.0	98.2	13.2	86.8	1.8
1965	100.0	0.0	100.0	98.6	13.2	86.8	1.4
1966	100.0	0.0	100.0	98.9	13.1	86.9	1.1
1967	100.0	0.0	100.0	99.3	13.1	86.9	0.8
1968	100.0	0.0	100.0	98.7	13.2	86.8	1.3
1969	100.0	0.0	100.0	99.8	13.0	87.0	0.2
1970	100.0	0.0	100.0	99.9	13.0	87.0	0.1
1971	100.0	0.0	100.0	100.0	13.0	87.0	0.0
1972	100.0	0.0	100.0	99.9	13.0	87.0	0.1
1973	100.0	0.0	100.0	99.9	13.0	87.0	0.1
1974	100.0	0.0	100.0	100.0	13.0	87.0	0.0
1975	100.0	0.0	100.0	99.7	13.0	87.0	0.3
1976	100.0	0.0	100.0	99.1	13.1	86.9	0.9
1977	100.0	0.0	100.0	98.8	13.2	86.8	1.2
1978	100.0	0.0	100.0	98.7	13.2	86.8	1.3
1979	100.0	0.0	100.0	98.7	13.2	86.8	1.3
1980	100.0	0.0	100.0	98.9	13.1	86.9	1.1
1981	100.0	0.0	100.0	99.6	12.9	87.1	0.4
1982	100.0	0.0	100.0	99.6	12.3	87.7	0.4
1983	100.0	0.0	100.0	98.8	13.3	86.7	1.2
1984	100.0	0.0	100.0	98.5	13.2	86.8	1.5
1985	100.0	0.0	100.0	97.8	13.3	86.7	2.2
1986	100.0	0.0	100.0	94.5	13.7	86.3	5.5
1987	100.0	0.0	100.0	94.7	13.7	86.3	5.3
1988	100.0	0.0	100.0	94.3	13.8	86.2	5.7
1989	99.9	0.1	100.0	94.5	13.8	86.2	5.5
1990	100.0	0.0	100.0	92.2	14.1	85.9	7.8
1991	100.0	0.0	100.0	87.4	14.9	85.1	12.6
1992	100.0	0.0	100.0	91.4	14.2	85.8	8.6
1993	100.0	0.0	100.0	86.6	15.0	85.0	13.4
1994	100.0	0.0	100.0	90.9	14.3	85.7	9.1
1995	100.0	0.0	100.0	95.1	13.7	86.3	4.9
1996	100.0	0.0	100.0	92.6	13.3	86.7	7.4
1997	100.0	0.0	100.0	86.0	8.2	91.8	14.0
1998	100.0	0.0	100.0	84.3	9.4	90.6	15.7

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 31.1

México: Oferta y demanda total de tabaco

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción (a)	Importaciones (b)	(c = a+b) (c = d+g)	Consumo aparente total (d = e+f)	Desperdicios 1 (e)	Alimentación (f)	Exportaciones (g)
1961	66,922	3,137	70,059	68,687	2,090	66,597	1,372
1962	67,387	3,527	70,914	66,446	2,113	64,333	4,468
1963	67,581	3,256	70,837	58,339	2,112	56,227	12,498
1964	67,767	3,959	71,726	62,715	2,135	60,580	9,011
1965	58,000	3,245	61,245	56,036	1,812	54,224	5,209
1966	57,000	1,923	58,923	48,716	1,729	46,987	10,207
1967	45,000	607	45,607	38,493	1,345	37,148	7,114
1968	48,000	904	48,904	44,362	1,428	42,934	4,542
1969	69,000	105	69,105	60,744	1,986	58,758	8,361
1970	69,000	627	69,627	58,692	1,905	56,787	10,935
1971	78,000	107	78,107	67,136	2,164	64,972	10,971
1972	62,000	177	62,177	47,457	1,765	45,692	14,720
1973	61,000	5	61,005	42,617	1,566	41,051	18,388
1974	73,000	1	73,001	46,489	2,058	44,431	26,512
1975	68,000	85	68,085	50,476	2,062	48,414	17,609
1976	67,000	0	67,000	49,349	1,983	47,366	17,651
1977	55,000	2	55,002	36,641	1,632	35,009	18,361
1978	76,000	42	76,042	49,836	2,071	47,765	26,206
1979	72,000	43	72,043	50,901	2,172	48,729	21,142
1980	94,000	444	94,444	70,137	2,793	67,344	24,307
1981	58,000	7	58,007	34,903	1,677	33,226	23,104
1982	67,000	1	67,001	48,221	2,054	46,167	18,780
1983	53,000	0	53,000	45,276	1,342	43,934	7,724
1984	41,000	5	41,005	27,236	736	26,500	13,769
1985	48,000	1,349	49,349	39,639	1,068	38,571	9,710
1986	64,000	1,764	65,764	53,944	1,593	52,351	11,820
1987	47,000	12	47,012	40,710	970	39,740	6,302
1988	69,000	3,759	72,759	61,713	1,542	60,171	11,046
1989	51,000	3,228	54,228	41,883	1,075	40,808	12,345
1990	33,900	12,094	45,994	35,292	383	34,909	10,702
1991	29,200	15,257	44,457	30,680	1,332	29,348	13,777
1992	21,300	15,442	36,742	28,706	1,101	27,605	8,036
1993	64,300	14,618	78,918	59,995	1,389	58,606	18,923
1994	59,600	7,870	67,470	56,433	1,141	55,292	11,037
1995	27,400	2,503	29,903	16,256	482	15,774	13,647
1996	42,600	4,357	46,957	21,899	767	21,132	25,058
1997	32,204	8,197	40,401	19,153	681	18,472	21,248
1998	48,800	11,791	60,591	35,857	1810	34,047	24,734

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 31.2

México: Balance interno de tabaco

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	66,922	68,687	-1,765
1962	67,387	66,446	941
1963	67,581	58,339	9,242
1964	67,767	62,715	5,052
1965	58,000	56,036	1,964
1966	57,000	48,716	8,284
1967	45,000	38,493	6,507
1968	48,000	44,362	3,638
1969	69,000	60,744	8,256
1970	69,000	58,692	10,308
1971	78,000	67,136	10,864
1972	62,000	47,457	14,543
1973	61,000	42,617	18,383
1974	73,000	46,489	26,511
1975	68,000	50,476	17,524
1976	67,000	49,349	17,651
1977	55,000	36,641	18,359
1978	76,000	49,836	26,164
1979	72,000	50,901	21,099
1980	94,000	70,137	23,863
1981	58,000	34,903	23,097
1982	67,000	48,221	18,779
1983	53,000	45,276	7,724
1984	41,000	27,236	13,764
1985	48,000	39,639	8,361
1986	64,000	53,944	10,056
1987	47,000	40,710	6,290
1988	69,000	61,713	7,287
1989	51,000	41,883	9,117
1990	33,900	35,292	-1,392
1991	29,200	30,680	-1,480
1992	21,300	28,706	-7,406
1993	64,300	59,995	4,305
1994	59,600	56,433	3,167
1995	27,400	16,256	11,144
1996	42,600	21,899	20,701
1997	32,204	19,153	13,051
1998	48,800	35,857	12,943

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 31.3

México: Rendimiento de tabaco

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	52,462	66,922	1.2756
1962	51,926	67,387	1.2978
1963	51,593	67,581	1.3099
1964	51,735	67,767	1.3099
1965	40,000	58,000	1.4500
1966	40,000	57,000	1.4250
1967	32,000	45,000	1.4063
1968	35,000	48,000	1.3714
1969	41,000	69,000	1.6829
1970	43,000	69,000	1.6047
1971	50,000	78,000	1.5600
1972	39,000	62,000	1.5897
1973	39,000	61,000	1.5641
1974	43,000	73,000	1.6977
1975	40,000	68,000	1.7000
1976	40,000	67,000	1.6750
1977	40,000	55,000	1.3750
1978	41,000	76,000	1.8537
1979	46,000	72,000	1.5652
1980	42,000	94,000	2.2381
1981	36,000	58,000	1.6111
1982	40,000	67,000	1.6750
1983	37,000	53,000	1.4324
1984	31,000	41,000	1.3226
1985	39,000	48,000	1.2308
1986	44,000	64,000	1.4545
1987	48,000	47,000	0.9792
1988	45,000	69,000	1.5333
1989	30,000	51,000	1.7000
1990	21,700	33,900	1.5622
1991	16,900	29,200	1.7278
1992	14,500	21,300	1.4690
1993	36,000	64,300	1.7861
1994	28,400	59,600	2.0986
1995	16,600	27,400	1.6506
1996	23,100	42,600	1.8442
1997	21,569	32,204	1.4931
1998	32,000	48,800	1.5250

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 31.4

México: Producción y consumo de tabaco por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	1.8479	1.8967	-0.0487
1962	37,486,139	1.7977	1.7725	0.0251
1963	38,800,538	1.7418	1.5036	0.2382
1964	40,147,986	1.6879	1.5621	0.1258
1965	41,535,828	1.3964	1.3491	0.0473
1966	42,955,469	1.3270	1.1341	0.1929
1967	44,397,880	1.0136	0.8670	0.1466
1968	45,859,633	1.0467	0.9673	0.0793
1969	47,337,557	1.4576	1.2832	0.1744
1970	48,852,306	1.4124	1.2014	0.2110
1971	50,393,091	1.5478	1.3322	0.2156
1972	51,948,772	1.1935	0.9135	0.2799
1973	53,517,788	1.1398	0.7963	0.3435
1974	55,104,832	1.3247	0.8436	0.4811
1975	56,687,703	1.1996	0.8904	0.3091
1976	58,291,820	1.1494	0.8466	0.3028
1977	59,900,617	0.9182	0.6117	0.3065
1978	61,527,486	1.2352	0.8100	0.4252
1979	63,161,213	1.1399	0.8059	0.3340
1980	64,788,572	1.4509	1.0826	0.3683
1981	66,425,164	0.8732	0.5254	0.3477
1982	68,081,155	0.9841	0.7083	0.2758
1983	69,744,148	0.7599	0.6492	0.1107
1984	71,421,164	0.5741	0.3813	0.1927
1985	73,112,440	0.6565	0.5422	0.1144
1986	74,817,783	0.8554	0.7210	0.1344
1987	76,536,428	0.6141	0.5319	0.0822
1988	78,266,888	0.8816	0.7885	0.0931
1989	80,019,134	0.6373	0.5234	0.1139
1990	81,781,347	0.4145	0.4315	-0.0170
1991	83,554,530	0.3495	0.3672	-0.0177
1992	85,348,102	0.2496	0.3363	-0.0868
1993	87,117,464	0.7381	0.6887	0.0494
1994	88,863,239	0.6707	0.6351	0.0356
1995	90,578,718	0.3025	0.1795	0.1230
1996	92,228,065	0.4619	0.2374	0.2245
1997	93,813,963	0.3433	0.2042	0.1391
1998	95,326,450	0.5119	0.3761	0.1358

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 31.5

México: Oferta y demanda total de tabaco

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	95.5	4.5	100.0	98.0	3.0	97.0	2.0
1962	95.0	5.0	100.0	93.7	3.2	96.8	6.3
1963	95.4	4.6	100.0	82.4	3.6	96.4	17.6
1964	94.5	5.5	100.0	87.4	3.4	96.6	12.6
1965	94.7	5.3	100.0	91.5	3.2	96.8	8.5
1966	96.7	3.3	100.0	82.7	3.5	96.5	17.3
1967	98.7	1.3	100.0	84.4	3.5	96.5	15.6
1968	98.2	1.8	100.0	90.7	3.2	96.8	9.3
1969	99.8	0.2	100.0	87.9	3.3	96.7	12.1
1970	99.1	0.9	100.0	84.3	3.2	96.8	15.7
1971	99.9	0.1	100.0	86.0	3.2	96.8	14.0
1972	99.7	0.3	100.0	76.3	3.7	96.3	23.7
1973	100.0	0.0	100.0	69.9	3.7	96.3	30.1
1974	100.0	0.0	100.0	63.7	4.4	95.6	36.3
1975	99.9	0.1	100.0	74.1	4.1	95.9	25.9
1976	100.0	0.0	100.0	73.7	4.0	96.0	26.3
1977	100.0	0.0	100.0	66.6	4.5	95.5	33.4
1978	99.9	0.1	100.0	65.5	4.2	95.8	34.5
1979	99.9	0.1	100.0	70.7	4.3	95.7	29.3
1980	99.5	0.5	100.0	74.3	4.0	96.0	25.7
1981	100.0	0.0	100.0	60.2	4.8	95.2	39.8
1982	100.0	0.0	100.0	72.0	4.3	95.7	28.0
1983	100.0	0.0	100.0	85.4	3.0	97.0	14.6
1984	100.0	0.0	100.0	66.4	2.7	97.3	33.6
1985	97.3	2.7	100.0	80.3	2.7	97.3	19.7
1986	97.3	2.7	100.0	82.0	3.0	97.0	18.0
1987	100.0	0.0	100.0	86.6	2.4	97.6	13.4
1988	94.8	5.2	100.0	84.8	2.5	97.5	15.2
1989	94.0	6.0	100.0	77.2	2.6	97.4	22.8
1990	73.7	26.3	100.0	76.7	1.1	98.9	23.3
1991	65.7	34.3	100.0	69.0	4.3	95.7	31.0
1992	58.0	42.0	100.0	78.1	3.8	96.2	21.9
1993	81.5	18.5	100.0	76.0	2.3	97.7	24.0
1994	88.3	11.7	100.0	83.6	2.0	98.0	16.4
1995	91.6	8.4	100.0	54.4	3.0	97.0	45.6
1996	90.7	9.3	100.0	46.6	3.5	96.5	53.4
1997	79.7	20.3	100.0	47.4	3.6	96.4	52.6
1998	80.5	19.5	100.0	59.2	5.0	95.0	40.8

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 32.1

México: Oferta y demanda total de tomates

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	470,527	1,325	471,852	376,138	19,818	356,320	95,714
1962	451,502	22	451,524	315,259	18,964	296,295	136,265
1963	461,191	23	461,214	319,871	19,371	300,500	141,343
1964	463,992	37	464,029	311,153	19,489	291,664	152,876
1965	554,000	28	554,028	392,540	24,106	368,434	161,488
1966	555,000	1	555,001	329,328	24,186	305,142	225,673
1967	619,000	0	619,000	391,315	27,129	364,186	227,685
1968	670,000	1	670,001	429,516	29,420	400,096	240,485
1969	715,000	464	715,464	427,580	31,415	396,165	287,884
1970	923,000	0	923,000	548,736	40,017	508,719	374,264
1971	939,000	0	939,000	616,280	42,170	574,110	322,720
1972	1,204,000	1,521	1,205,521	867,677	53,588	814,089	337,844
1973	1,091,000	328	1,091,328	650,185	49,201	600,984	441,143
1974	1,121,000	774	1,121,774	803,661	50,039	753,622	318,113
1975	1,056,000	234	1,056,234	716,860	47,354	669,506	339,374
1976	807,000	195	807,195	438,320	36,430	401,890	368,875
1977	974,000	6,282	980,282	521,560	45,187	476,373	458,722
1978	1,394,000	304	1,394,304	896,887	64,735	832,152	497,417
1979	1,565,000	396	1,565,396	1,143,098	72,860	1,070,238	422,298
1980	1,321,000	233	1,321,233	934,354	62,188	872,166	386,879
1981	1,310,000	329	1,310,329	829,587	50,500	779,087	480,742
1982	1,457,000	202	1,457,202	859,047	62,229	796,818	598,155
1983	1,482,000	178	1,482,178	1,110,940	61,827	1,049,113	371,238
1984	1,688,000	903	1,688,903	1,198,629	70,908	1,127,721	490,274
1985	1,616,000	1,022	1,617,022	1,105,299	67,931	1,037,368	511,723
1986	1,454,000	497	1,454,497	882,112	61,073	821,039	572,385
1987	1,672,000	575	1,672,575	1,113,740	70,239	1,043,501	558,835
1988	1,980,000	2,368	1,982,368	1,449,333	83,239	1,366,094	533,035
1989	1,919,000	4,680	1,923,680	1,456,482	80,704	1,375,778	467,198
1990	1,885,300	13,739	1,899,039	1,414,582	78,259	1,336,323	484,457
1991	1,860,400	20,689	1,881,089	1,389,536	78,861	1,310,675	491,553
1992	1,413,300	42,970	1,456,270	1,248,765	60,211	1,188,554	207,505
1993	1,692,700	37,165	1,729,865	1,164,070	72,017	1,092,053	565,795
1994	1,368,300	45,053	1,413,353	880,048	58,712	821,336	533,305
1995	1,935,500	10,735	1,946,235	1,158,496	81,480	1,077,016	787,739
1996	1,993,700	14,014	2,007,714	1,223,521	83,922	1,139,599	784,193
1997	1,919,284	52,387	1,971,671	1,248,575	81,697	1,166,878	723,096
1998	2,251,000	27,357	2,278,357	1,333,631	96,151	1,237,480	944726

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 32.2

México: Balance interno de tomates

(Toneladas)

AÑO	Producción	Consumo aparente total	Balance interno
1961	470,527	376,138	94,389.0
1962	451,502	315,259	136,243.0
1963	461,191	319,871	141,320.0
1964	463,992	311,153	152,839.0
1965	554,000	392,540	161,460.0
1966	555,000	329,328	225,672.0
1967	619,000	391,315	227,685.0
1968	670,000	429,516	240,484.0
1969	715,000	427,580	287,420.0
1970	923,000	548,736	374,264.0
1971	939,000	616,280	322,720.0
1972	1,204,000	867,677	336,323.0
1973	1,091,000	650,185	440,815.0
1974	1,121,000	803,661	317,339.0
1975	1,056,000	716,860	339,140.0
1976	807,000	438,320	368,680.0
1977	974,000	521,560	452,440.0
1978	1,394,000	896,887	497,113.0
1979	1,565,000	1,143,098	421,902.0
1980	1,321,000	934,354	386,646.0
1981	1,310,000	829,587	480,413.0
1982	1,457,000	859,047	597,953.0
1983	1,482,000	1,110,940	371,060.0
1984	1,688,000	1,198,629	489,371.0
1985	1,616,000	1,105,299	510,701.0
1986	1,454,000	882,112	571,888.0
1987	1,672,000	1,113,740	558,260.0
1988	1,980,000	1,449,333	530,667.0
1989	1,919,000	1,456,482	462,518.0
1990	1,885,300	1,414,582	470,718.0
1991	1,860,400	1,389,536	470,864.0
1992	1,413,300	1,248,765	164,535.0
1993	1,692,700	1,164,070	528,630.0
1994	1,368,300	880,048	488,252.0
1995	1,935,500	1,158,496	777,004.0
1996	1,993,700	1,223,521	770,179.0
1997	1,919,284	1,248,575	670,709.0
1998	2,251,000	1,333,631	917,369.0

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 32.3

México: Rendimiento de tomates

AÑO	Superficie cosechada (hectárea)	Producción (Toneladas)	Rendimiento (Toneladas / Hectárea)
1961	68,921	470,527	6.8270
1962	67,679	451,502	6.6712
1963	67,871	461,191	6.7951
1964	68,573	463,992	6.7664
1965	45,000	554,000	12.3111
1966	45,000	555,000	12.3333
1967	46,000	619,000	13.4565
1968	52,000	670,000	12.8846
1969	55,000	715,000	13.0000
1970	64,000	923,000	14.4219
1971	61,000	939,000	15.3934
1972	72,000	1,204,000	16.7222
1973	69,000	1,091,000	15.8116
1974	63,000	1,121,000	17.7937
1975	59,000	1,056,000	17.8983
1976	48,000	807,000	16.8125
1977	62,000	974,000	15.7097
1978	65,000	1,394,000	21.4462
1979	77,000	1,565,000	20.3247
1980	69,000	1,321,000	19.1449
1981	61,000	1,310,000	21.4754
1982	63,000	1,457,000	23.1270
1983	64,000	1,482,000	23.1563
1984	72,000	1,688,000	23.4444
1985	69,000	1,616,000	23.4203
1986	55,000	1,454,000	26.4364
1987	68,000	1,672,000	24.5882
1988	72,000	1,980,000	27.5000
1989	77,000	1,919,000	24.9221
1990	81,500	1,885,300	23.1325
1991	78,700	1,860,400	23.6391
1992	77,500	1,413,300	18.2361
1993	75,200	1,692,700	22.5093
1994	65,200	1,368,300	20.9862
1995	75,500	1,935,500	25.6358
1996	70,500	1,993,700	28.2794
1997	71,677	1,919,284	26.7768
1998	78,700	2,251,000	28.6023

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 32.4

México: Producción y consumo de tomates por habitante

(Kilogramos)

AÑO	Población Nacional	Producción / Población	Consumo aparente / Población	Balance interno / Población
1961	36,214,784	12.9927	10.3863	2.6064
1962	37,486,139	12.0445	8.4100	3.6345
1963	38,800,538	11.8862	8.2440	3.6422
1964	40,147,986	11.5570	7.7502	3.8069
1965	41,535,828	13.3379	9.4506	3.8872
1966	42,955,469	12.9204	7.6667	5.2536
1967	44,397,880	13.9421	8.8138	5.1283
1968	45,859,633	14.6098	9.3659	5.2439
1969	47,337,557	15.1043	9.0326	6.0717
1970	48,852,306	18.8937	11.2326	7.6611
1971	50,393,091	18.6335	12.2295	6.4041
1972	51,948,772	23.1767	16.7026	6.4741
1973	53,517,788	20.3857	12.1490	8.2368
1974	55,104,832	20.3430	14.5842	5.7588
1975	56,687,703	18.6284	12.6458	5.9826
1976	58,291,820	13.8441	7.5194	6.3247
1977	59,900,617	16.2603	8.7071	7.5532
1978	61,527,486	22.6565	14.5770	8.0795
1979	63,161,213	24.7779	18.0981	6.6798
1980	64,788,572	20.3894	14.4216	5.9678
1981	66,425,164	19.7214	12.4890	7.2324
1982	68,081,155	21.4009	12.6180	8.7829
1983	69,744,148	21.2491	15.9288	5.3203
1984	71,421,164	23.6345	16.7825	6.8519
1985	73,112,440	22.1029	15.1178	6.9851
1986	74,817,783	19.4339	11.7901	7.6437
1987	76,536,428	21.8458	14.5518	7.2940
1988	78,266,888	25.2981	18.5178	6.7802
1989	80,019,134	23.9818	18.2017	5.7801
1990	81,781,347	23.0529	17.2971	5.7558
1991	83,554,530	22.2657	16.6303	5.6354
1992	85,348,102	16.5592	14.6314	1.9278
1993	87,117,464	19.4301	13.3621	6.0680
1994	88,863,239	15.3978	9.9034	5.4944
1995	90,578,718	21.3682	12.7899	8.5782
1996	92,228,065	21.6171	13.2663	8.3508
1997	93,813,963	20.4584	13.3091	7.1494
1998	95,326,450	23.6136	13.9901	9.6234

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 32.5

México: Oferta y demanda total de tomates

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA			
	Producción	Importaciones	(c = a+b) (c = d+g)	Consumo aparente total	Desperdicios 1	Alimentación	Exportaciones
	(a)	(b)		(d = e+f)	(e)	(f)	(g)
1961	99.7	0.3	100.0	79.7	5.3	94.7	20.3
1962	100.0	0.0	100.0	69.8	6.0	94.0	30.2
1963	100.0	0.0	100.0	69.4	6.1	93.9	30.6
1964	100.0	0.0	100.0	67.1	6.3	93.7	32.9
1965	100.0	0.0	100.0	70.9	6.1	93.9	29.1
1966	100.0	0.0	100.0	59.3	7.3	92.7	40.7
1967	100.0	0.0	100.0	63.2	6.9	93.1	36.8
1968	100.0	0.0	100.0	64.1	6.8	93.2	35.9
1969	99.9	0.1	100.0	59.8	7.3	92.7	40.2
1970	100.0	0.0	100.0	59.5	7.3	92.7	40.5
1971	100.0	0.0	100.0	65.6	6.8	93.2	34.4
1972	99.9	0.1	100.0	72.0	6.2	93.8	28.0
1973	100.0	0.0	100.0	59.6	7.6	92.4	40.4
1974	99.9	0.1	100.0	71.6	6.2	93.8	28.4
1975	100.0	0.0	100.0	67.9	6.6	93.4	32.1
1976	100.0	0.0	100.0	54.3	8.3	91.7	45.7
1977	99.4	0.6	100.0	53.2	8.7	91.3	46.8
1978	100.0	0.0	100.0	64.3	7.2	92.8	35.7
1979	100.0	0.0	100.0	73.0	6.4	93.6	27.0
1980	100.0	0.0	100.0	70.7	6.7	93.3	29.3
1981	100.0	0.0	100.0	63.3	6.1	93.9	36.7
1982	100.0	0.0	100.0	59.0	7.2	92.8	41.0
1983	100.0	0.0	100.0	75.0	5.6	94.4	25.0
1984	99.9	0.1	100.0	71.0	5.9	94.1	29.0
1985	99.9	0.1	100.0	68.4	6.1	93.9	31.6
1986	100.0	0.0	100.0	60.6	6.9	93.1	39.4
1987	100.0	0.0	100.0	66.6	6.3	93.7	33.4
1988	99.9	0.1	100.0	73.1	5.7	94.3	26.9
1989	99.8	0.2	100.0	75.7	5.5	94.5	24.3
1990	99.3	0.7	100.0	74.5	5.5	94.5	25.5
1991	98.9	1.1	100.0	73.9	5.7	94.3	26.1
1992	97.0	3.0	100.0	85.8	4.8	95.2	14.2
1993	97.9	2.1	100.0	67.3	6.2	93.8	32.7
1994	96.8	3.2	100.0	62.3	6.7	93.3	37.7
1995	99.4	0.6	100.0	59.5	7.0	93.0	40.5
1996	99.3	0.7	100.0	60.9	6.9	93.1	39.1
1997	97.3	2.7	100.0	63.3	6.5	93.5	36.7
1998	98.8	1.2	100.0	58.5	7.2	92.8	41.5

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

INDICES DE PRODUCCIÓN

CUADRO 33.1

Mundo: Indices de producción en la agricultura

(Base 89-91)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	61.7	61.4	46.7	40.9	67.8	34.4	61.6	34.8
1962	64.7	62.1	55.6	43.7	71.4	32.6	65.4	36.0
1963	65.6	65.2	60.2	45.2	72.9	35.6	71.6	35.6
1964	65.8	66.1	57.5	49.1	75.5	41.4	66.5	35.9
1965	66.7	67.1	63.1	52.3	77.4	42.6	63.1	42.2
1966	67.6	67.2	68.3	55.4	78.1	46.5	69.1	39.2
1967	71.7	70.6	60.3	56.1	83.6	44.0	75.0	42.3
1968	72.8	71.4	65.4	57.6	87.6	44.8	70.7	43.1
1969	72.1	71.5	64.3	56.2	86.8	51.2	76.2	45.0
1970	75.2	70.7	61.1	57.8	87.4	50.8	75.2	46.1
1971	75.8	76.5	68.8	60.8	86.4	52.6	69.4	48.9
1972	75.6	76.2	66.5	63.8	90.9	54.3	69.2	51.3
1973	79.6	77.6	66.8	65.6	89.8	55.8	71.6	50.9
1974	82.5	78.8	62.4	67.5	90.7	59.4	75.6	54.9
1975	81.4	83.5	69.6	68.4	93.1	66.7	78.6	56.4
1976	80.5	86.5	76.9	69.7	90.2	73.3	85.7	58.6
1977	81.8	90.2	77.9	77.3	96.4	78.2	86.6	62.7
1978	86.6	88.8	81.2	83.3	96.7	82.8	94.0	61.4
1979	90.0	93.9	74.9	80.4	98.8	86.0	94.1	65.1
1980	92.4	90.4	79.5	85.8	94.3	74.2	86.9	72.7
1981	90.6	99.6	85.9	90.4	95.2	79.0	93.3	76.0
1982	95.0	98.2	92.6	88.8	98.6	82.7	95.7	76.2
1983	94.0	83.2	87.2	93.2	99.0	83.6	92.6	77.8
1984	98.8	96.2	87.8	92.9	100.4	86.6	96.1	81.6
1985	97.5	101.6	91.6	96.4	102.7	90.4	98.2	89.8
1986	98.4	95.4	99.2	97.9	103.0	93.7	101.0	85.3
1987	99.6	95.1	95.0	102.1	102.9	93.6	93.8	94.1
1988	98.1	90.0	83.6	99.8	101.1	98.8	97.9	97.7
1989	99.3	98.1	93.0	93.7	101.7	100.2	90.4	101.7
1990	100.0	101.2	103.6	101.4	100.8	101.8	103.9	97.2
1991	100.7	100.6	103.4	105.0	97.4	98.0	105.7	101.0
1992	101.8	109.6	101.9	104.2	100.9	110.7	105.3	106.6
1993	98.6	100.2	103.2	107.2	94.3	110.9	102.3	107.3
1994	97.6	116.1	108.4	112.3	99.8	111.9	109.5	114.3
1995	97.5	110.2	111.1	120.3	97.7	112.5	115.5	120.3
1996	101.9	114.6	117.4	117.0	95.3	119.2	119.3	125.3
1997	102.0	118.8	116.6	121.7	94.7	124.7	121.7	128.2
1998	102.0	119.5	123.5	123.2	91.6	124.0	132.8	129.2
1999	104.0	121.1	131.8	126.5	92.0	105.3	134.4	136.6
2000	104.0	125.6	130.9	130.7	92.3	105.3	134.1	137.5

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

CUADRO 34.1

Mundo: Indices de producción en los cereales

(Base 89-91)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	44.7	54.6	28.5	35.5	139.4	72.0	68.6	41.1
1962	52.2	54.0	52.6	35.7	142.9	63.5	66.9	43.3
1963	50.4	58.3	62.7	39.6	135.9	72.0	83.9	45.0
1964	53.8	54.0	52.1	49.0	133.8	80.8	102.6	45.3
1965	55.4	61.6	58.8	52.4	132.5	77.2	66.5	56.2
1966	53.0	61.9	72.0	54.2	133.5	86.2	82.3	47.9
1967	62.1	70.2	54.8	55.0	149.4	79.6	93.6	54.9
1968	63.2	68.5	63.0	58.5	149.2	74.8	76.5	55.0
1969	62.6	69.2	66.8	58.4	142.4	90.0	88.5	54.9
1970	60.4	62.8	49.8	63.6	127.1	86.3	96.0	63.9
1971	70.2	80.1	69.6	62.1	109.3	86.2	104.8	60.7
1972	70.5	76.9	63.7	62.1	117.3	85.9	90.5	60.4
1973	71.8	80.3	66.5	62.1	118.7	88.2	114.6	63.6
1974	76.1	69.6	55.3	62.1	120.3	91.4	113.2	69.1
1975	69.4	84.9	67.4	62.1	128.5	98.6	112.0	69.4
1976	66.4	88.0	83.3	62.1	114.9	108.7	119.2	84.2
1977	71.5	90.2	77.7	62.1	127.7	112.4	106.7	82.5
1978	81.6	93.7	78.0	62.1	119.6	120.0	133.8	64.1
1979	78.5	102.8	66.0	62.1	115.0	113.9	122.0	71.9
1980	86.1	92.4	75.8	62.1	94.6	75.5	90.5	89.2
1981	80.7	113.4	94.4	62.1	99.3	98.3	146.1	84.1
1982	87.4	114.0	99.3	62.1	100.2	99.6	171.7	90.7
1983	83.8	71.3	89.4	62.1	100.8	104.2	158.3	77.2
1984	104.1	107.5	79.0	62.1	115.1	107.9	159.8	87.0
1985	96.7	118.1	89.4	62.1	113.8	103.9	137.2	95.1
1986	93.9	107.2	107.5	62.1	113.6	102.7	127.8	100.2
1987	93.3	95.7	96.4	62.1	104.2	100.1	113.1	116.7
1988	97.5	70.9	63.9	62.1	98.9	108.3	110.3	115.7
1989	98.8	96.9	89.5	62.1	102.5	105.9	90.8	117.4
1990	98.0	107.5	107.9	62.1	103.6	100.2	101.6	85.0
1991	103.2	95.6	102.7	62.1	93.9	93.8	107.6	97.6
1992	95.3	120.8	94.5	62.1	103.0	93.9	126.9	115.5
1993	94.5	89.3	97.3	62.1	76.9	84.1	124.6	113.0
1994	92.6	121.9	87.5	62.1	114.6	88.0	126.5	120.2
1995	94.5	98.3	92.2	62.1	102.6	82.2	121.1	130.0
1996	109.9	114.8	110.4	62.1	99.1	91.3	154.6	121.8
1997	109.2	115.6	92.4	62.1	96.5	92.7	180.4	115.9
1998	112.9	120.2	95.4	62.1	86.4	86.0	185.6	104.8
1999	107.7	115.3	101.0	62.1	88.8	92.7	170.8	126.3
2000	114.0	122.1	100.5	62.1	91.0	92.7	175.6	123.8

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

CUADRO 35.1

Mundo: Indices de producción en los 10 principales cultivos

(Base 89-91)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	64.8	56.9	29.9	42.4	103.2	40.8	47.8	39.8
1962	71.1	57.4	46.5	44.6	106	38.8	49.2	42
1963	73	60	54.1	47.5	107.2	41.4	54.2	41.7
1964	72.8	57.5	47.2	54.5	107.7	49.5	58.2	40.5
1965	72.9	62.9	53.1	58.5	108.5	50.4	51.6	49.6
1966	72.3	61.4	63	61.6	111.5	55.2	55.1	44.9
1967	78.2	65	49.7	61.6	118.9	51.9	61.9	49.5
1968	78.1	67.2	56.3	63.9	123.6	52.8	53.4	49.2
1969	75.5	68.4	60.1	60.3	117.2	59.3	57	50.7
1970	79.2	64.9	53.2	63.6	112.4	58.6	62.4	51.6
1971	79.8	74.6	66.6	67.9	106.1	59.9	65.1	56.3
1972	78.7	74.6	58.8	68.2	114.1	61.8	58.5	58
1973	85.3	79.5	61.7	71.4	113.4	62.8	66.6	55.3
1974	85.7	71.8	53.7	72.9	111	65.4	73.7	61.9
1975	81.4	81.9	64.8	71.6	115.3	73.6	71.4	62.2
1976	77.9	82	70.9	66.6	109.8	82.3	75.9	62.6
1977	79.4	89.5	73.4	76.7	118.1	88.7	76	69
1978	86.4	90.7	79.3	83.5	113.7	95.2	84.2	64.7
1979	89.8	100.8	71.9	79.4	114.4	97.8	87.3	68.8
1980	91.6	90.2	75.1	86.8	104.4	78.6	76.1	76.7
1981	86.3	104.8	85.7	93.4	104.8	87	87	80.5
1982	94.9	105.3	92	87	108.5	91	100.8	80.6
1983	89.9	75.7	85.1	91.5	107	91.4	97.7	79.2
1984	99.5	99.2	82	93.7	108.9	90.7	103.5	85.6
1985	97.4	106.4	90.7	98.8	109.8	91.7	99.1	97.2
1986	97.4	97.1	103.9	95.4	110.3	95.2	98.8	88.5
1987	100.2	96.4	99	99.8	108.2	94.2	94.5	99.2
1988	98	80.7	74.7	96.4	102.3	99.8	105.2	100.8
1989	101	96.3	89.8	94	103	103.9	87.2	106
1990	99.4	103.4	105.3	103.8	101.7	98.9	103.8	96.5
1991	99.6	100.3	104.9	102.3	95.2	97.2	109	97.5
1992	102.8	113.9	98.4	100.3	100	102.8	111.4	104.8
1993	98.4	96.1	108.5	102.6	87.5	100.5	105.1	103.6
1994	96.7	121.7	112.7	106	99.3	99	115.3	112.1
1995	95.9	104.9	114.3	110.6	95.7	106.4	125.2	114.8
1996	105.4	115.3	119.7	120.1	92.8	107.6	133.5	114.1
1997	106.7	120.6	114.8	119.3	94.2	107.8	138.1	116.1
1998	105.8	120.4	123.8	121.2	86.9	103.9	160.4	116.4
1999	108.9	119.3	134	119.2	88.6	107.7	159.9	123.8
2000	109.3	126.1	128.8	124.4	89.3	107.7	158.2	124.7

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

CUADRO 36.1

Mundo: Indices de producción en el ganado

(Base 89-91)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	61.4	70.0	69.0	34.1	29.4	10.3	77.0	29.7
1962	62.7	70.2	68.8	37.3	33.4	9.5	82.0	30.3
1963	63.2	72.6	69.4	37.1	34.9	12.2	88.3	30.7
1964	63.8	76.5	72.5	37.1	39.8	14.3	75.0	32.9
1965	65.6	75.4	77.4	39.1	42.1	14.8	75.3	34.8
1966	67.7	76.8	76.9	42.8	42.2	15.2	84.8	35.0
1967	70.4	79.0	77.2	44.3	45.3	14.9	89.1	35.8
1968	72.4	79.7	79.2	46.1	48.5	16.5	90.0	39.1
1969	73.0	80.1	78.1	48.2	53.6	20.5	97.7	41.0
1970	75.2	81.9	81.0	48.2	59.5	21.8	90.6	42.0
1971	76.5	83.9	80.8	48.5	62.5	23.4	77.5	41.8
1972	77.2	84.0	81.6	54.8	64.7	25.4	82.7	45.6
1973	78.8	80.1	79.8	55.6	64.9	26.9	80.8	47.7
1974	83.4	84.4	80.4	57.9	68.4	30.3	81.4	47.6
1975	84.3	83.7	82.2	62.9	68.3	34.8	88.9	51.0
1976	85.4	89.0	86.1	69.6	69.2	36.6	98.0	55.3
1977	86.6	88.9	87.5	75.2	74.6	38.5	99.5	55.8
1978	89.3	87.8	86.1	79.1	80.1	41.5	106.0	58.8
1979	92.4	86.7	85.3	78.5	84.2	51.3	102.8	62.5
1980	95.3	89.3	89.7	83.6	85.5	54.1	98.6	69.5
1981	95.8	91.1	90.2	88.4	85.5	52.5	101.1	71.7
1982	96.2	90.4	93.2	91.1	88.0	54.9	93.0	72.5
1983	98.7	93.2	92.4	96.5	90.2	61.8	89.8	74.7
1984	100.0	92.9	94.5	94.2	92.1	71.1	91.2	76.3
1985	99.8	95.1	96.3	94.2	95.4	79.4	99.5	78.7
1986	100.9	96.4	94.7	101.7	96.5	83.8	104.2	82.3
1987	100.5	96.8	94.2	104.7	98.5	91.9	95.2	88.3
1988	99.5	98.9	99.2	101.8	99.7	96.1	92.0	93.3
1989	98.6	98.9	99.5	94.3	100.4	95.0	94.8	96.2
1990	100.5	99.6	101.1	100.1	99.8	100.8	103.9	97.8
1991	100.9	101.5	99.4	105.6	99.8	104.2	101.3	106.0
1992	99.6	104.8	104.9	108.9	101.2	124.9	99.9	111.7
1993	99.0	105.1	103.4	116.4	101.0	131.6	102.3	114.4
1994	99.0	109.9	105.5	118.8	98.8	134.3	105.8	120.1
1995	100.2	112.0	110.7	127.7	97.6	137.8	106.2	130.1
1996	100.8	113.4	118.2	117.1	96.1	148.0	104.3	143.0
1997	100.4	114.7	121.3	123.4	94.2	156.8	105.2	144.0
1998	101.8	117.3	127.5	131.0	95.0	161.9	105.2	144.9
1999	102.1	121.1	134.9	135.3	93.9	144.5	105.8	152.4
2000	101.7	121.7	136.0	137.8	93.7	144.5	105.8	152.4

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

CUADRO 37.1

Mundo: Indices de producción en los alimentos

(Base 89-91)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	61.5	59.7	46.1	37.2	64.2	33.7	59.1	29.7
1962	64.5	63.9	55.1	39.8	68.0	31.8	59.6	30.7
1963	65.4	69.9	59.6	40.9	69.3	35.0	62.7	31.6
1964	65.6	64.8	57.1	44.3	71.4	40.5	63.8	33.2
1965	66.6	61.0	62.3	47.7	73.8	41.3	65.1	37.0
1966	67.5	67.5	67.6	51.3	74.4	44.7	66.5	36.2
1967	71.7	74.1	60.1	52.1	79.6	42.2	70.6	38.7
1968	72.9	69.9	64.8	52.9	83.7	42.6	70.7	40.1
1969	72.1	75.6	63.2	53.2	83.2	49.2	71.0	41.5
1970	75.4	73.8	59.2	55.2	84.1	48.8	70.1	44.2
1971	76.0	68.4	68.2	57.8	83.3	50.3	76.3	45.0
1972	75.7	68.5	66.2	60.8	87.9	50.5	75.2	47.8
1973	79.8	71.1	66.0	62.8	86.5	51.9	76.8	48.6
1974	82.8	75.1	61.8	63.6	87.7	55.6	78.4	51.4
1975	81.6	77.6	69.0	67.2	90.2	63.0	83.9	54.1
1976	80.6	85.6	77.1	68.6	87.2	69.2	86.6	59.2
1977	81.9	85.6	77.2	75.1	93.8	74.0	89.6	61.3
1978	86.8	93.4	80.6	81.4	94.2	79.2	89.0	59.5
1979	90.3	94.3	74.1	78.6	96.4	83.2	93.7	63.2
1980	92.7	86.6	79.2	83.8	92.2	72.0	90.7	71.9
1981	90.8	94.3	85.6	89.1	93.3	77.6	99.1	73.3
1982	95.3	96.2	92.3	88.8	96.9	80.7	98.6	75.6
1983	94.2	93.0	87.0	92.7	97.3	82.0	84.3	76.2
1984	99.0	96.5	87.4	92.4	99.1	85.3	96.4	80.7
1985	97.6	99.0	90.8	96.5	101.7	89.8	102.1	87.0
1986	98.5	102.4	98.6	97.9	102.2	93.0	96.7	84.9
1987	99.7	94.6	94.8	101.7	102.3	93.1	95.2	92.4
1988	98.0	97.7	83.9	98.1	100.9	98.7	89.6	97.1
1989	99.3	90.4	93.2	93.6	101.7	100.0	98.9	101.8
1990	100.0	103.8	103.4	101.0	100.8	101.9	101.2	97.2
1991	100.7	105.8	103.5	105.4	97.5	98.1	99.9	101.0
1992	101.8	106.3	102.6	106.0	101.2	110.9	109.7	107.1
1993	98.6	104.2	103.4	109.0	94.6	110.5	100.0	108.4
1994	97.5	111.9	108.1	113.6	100.3	111.7	115.7	116.1
1995	97.4	117.3	110.6	121.4	98.2	112.8	110.1	123.6
1996	101.9	121.0	117.4	117.1	95.9	120.3	114.4	128.4
1997	101.9	124.4	116.4	122.6	95.2	126.0	118.6	131.7
1998	101.9	136.1	123.2	124.2	92.0	125.2	120.8	131.7
1999	103.8	138.7	131.8	128.4	92.5	105.9	121.8	139.2
2000	103.9	138.8	131.4	132.7	92.8	105.9	126.2	139.4

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

CUADRO 38.1

Mundo: Indices de producción en los no alimentos

(Base 89-91)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	71.7	108.9	78.6	120.9	229.7	63.9	91.6	99.7
1962	75.2	115.6	81.5	129.1	226.2	66.9	89.5	104.7
1963	79.8	118.0	91.7	138.2	236.9	60.6	97.5	87.7
1964	79.8	114.6	78.8	151.5	262.8	82.3	93.1	73.0
1965	76.2	109.8	101.2	150.9	243.7	97.1	96.4	109.8
1966	73.7	81.2	100.4	142.8	247.0	123.6	93.4	80.6
1967	74.0	70.8	68.4	141.4	262.8	121.8	89.1	91.1
1968	67.6	86.0	91.8	158.2	262.8	138.0	83.6	83.5
1969	65.0	82.8	115.3	121.4	247.7	138.5	86.7	91.9
1970	63.5	84.3	153.4	112.2	235.0	135.1	97.0	74.1
1971	63.2	81.6	99.6	125.9	230.6	150.9	86.0	101.4
1972	65.1	97.9	81.4	127.9	226.4	215.4	80.1	98.7
1973	64.8	93.9	101.6	126.0	238.0	222.4	80.8	84.2
1974	65.2	88.8	89.4	150.7	225.7	220.3	84.6	105.1
1975	68.2	74.1	93.6	94.2	224.5	226.5	94.0	88.0
1976	71.7	84.2	66.0	94.7	223.1	248.5	87.0	53.3
1977	70.0	102.0	110.6	123.8	213.0	257.1	101.3	81.9
1978	71.8	84.6	108.7	124.9	211.5	235.0	104.6	88.4
1979	73.0	98.4	112.4	119.0	204.2	204.0	91.4	92.7
1980	72.8	82.9	96.0	128.5	191.3	165.8	90.9	84.9
1981	74.5	109.4	100.1	118.0	180.2	140.1	76.4	112.2
1982	74.1	89.7	106.1	88.8	177.7	169.9	88.7	84.2
1983	75.3	61.1	99.2	104.5	175.8	149.0	86.4	98.5
1984	84.8	91.3	108.2	102.9	158.6	139.7	89.6	94.1
1985	89.1	91.0	131.7	93.8	147.6	115.0	85.3	127.6
1986	90.0	68.3	130.6	98.3	140.5	122.6	78.7	91.6
1987	90.8	93.9	102.1	111.7	128.4	113.3	80.8	115.1
1988	100.8	98.9	68.9	135.6	111.2	104.2	101.0	104.4
1989	100.3	82.5	84.8	93.7	103.2	109.4	90.6	100.4
1990	99.9	103.0	115.0	110.4	103.6	96.3	106.1	97.8
1991	99.8	114.6	100.2	95.9	93.2	94.3	103.2	101.8
1992	99.3	107.8	66.0	65.9	89.8	102.0	89.8	100.5
1993	99.1	105.6	95.9	70.9	80.0	130.0	73.4	92.4
1994	101.4	123.2	122.4	85.9	78.6	118.7	72.6	90.8
1995	103.9	110.6	139.1	95.8	74.6	100.6	87.0	78.2
1996	99.6	118.6	116.7	114.6	71.6	74.1	93.8	84.8
1997	106.3	121.2	123.0	101.7	73.3	68.1	79.1	84.2
1998	108.3	92.9	137.8	103.8	70.6	69.9	80.7	96.5
1999	117.8	106.1	133.6	86.4	70.6	81.2	66.1	102.8
2000	113.6	110.8	110.7	88.4	70.6	81.2	58.7	112.6

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

COMPARACIONES INTERNACIONALES

SECTOR AGROPECUARIO

CUADRO 39.1

Mundo: Superficie cultivada de arroz

(Hectáreas)

Año	Unión Europea (15)	TLC		Asia		Mercosur	
		Estados Unidos de América	México	Japón	República de Corea	Argentina	Brasil
1961	278,202	643,000	146,341	3,312,000	1,128,000	46,000	3,174,037
1962	267,800	717,000	133,904	3,295,000	1,139,000	53,060	3,349,810
1963	262,726	717,000	134,757	3,276,000	1,155,000	52,300	3,721,800
1964	276,207	723,000	132,594	3,264,000	1,195,000	54,020	4,182,361
1965	274,155	725,470	138,065	3,258,500	1,228,000	67,880	4,618,898
1966	271,184	796,086	152,642	3,258,000	1,231,000	46,795	4,004,850
1967	280,829	797,260	168,363	3,267,000	1,235,000	61,830	4,291,147
1968	294,384	952,374	138,712	3,284,000	1,151,000	70,800	4,458,952
1969	314,300	861,321	152,980	3,279,000	1,220,000	87,500	4,620,699
1970	316,122	734,373	149,973	2,927,000	1,203,000	101,900	4,979,165
1971	313,479	735,668	153,572	2,698,000	1,190,000	77,200	4,763,998
1972	318,776	735,668	156,145	2,643,000	1,191,000	83,100	4,532,933
1973	323,478	878,237	150,400	2,622,000	1,181,718	76,550	4,794,832
1974	317,300	1,024,245	172,949	2,724,000	1,204,515	82,700	4,664,883
1975	296,625	1,140,388	256,661	2,764,000	1,218,000	92,500	5,306,270
1976	295,484	1,003,606	159,410	2,779,000	1,214,904	87,270	6,656,480
1977	317,367	910,150	180,464	2,757,000	1,230,041	90,600	5,992,090
1978	322,073	1,201,930	121,314	2,548,000	1,229,750	95,000	5,623,515
1979	312,048	1,161,060	151,228	2,497,000	1,233,234	102,400	5,452,086
1980	303,580	1,340,300	127,477	2,377,000	1,233,038	82,200	6,243,138
1981	284,277	1,534,580	174,792	2,278,000	1,223,892	81,800	6,101,772
1982	298,761	1,320,100	156,809	2,257,000	1,188,073	113,600	6,024,657
1983	271,801	877,750	133,326	2,273,000	1,228,481	92,100	5,108,250
1984	307,489	1,134,000	125,896	2,315,000	1,230,861	128,385	5,351,473
1985	318,452	1,008,500	216,466	2,342,000	1,236,768	108,750	4,754,692
1986	332,656	955,000	157,430	2,303,000	1,235,925	112,900	5,590,927
1987	330,728	944,100	154,814	2,146,000	1,262,324	94,680	6,000,016
1988	348,265	1,173,600	126,670	2,110,000	1,260,129	91,700	5,960,984
1989	331,827	1,087,000	151,458	2,097,000	1,256,661	104,900	5,254,159
1990	375,235	1,142,400	105,402	2,074,000	1,244,341	116,620	3,944,881
1991	369,683	1,125,400	84,790	2,049,000	1,208,455	86,265	4,127,284
1992	361,427	1,267,500	90,420	2,106,000	1,157,000	132,400	4,686,963
1993	339,284	1,146,500	58,939	2,139,000	1,135,000	139,650	4,420,800
1994	377,140	1,341,950	87,796	2,212,000	1,103,000	141,340	4,415,180
1995	366,790	1,251,700	78,439	2,118,000	1,055,337	184,000	4,375,920
1996	429,237	1,134,700	86,778	1,977,000	1,048,987	193,000	3,917,463
1997	425,122	1,255,700	113,492	1,953,000	1,051,659	224,400	3,058,130
1998	407,293	1,342,400	101,560	1,801,000	1,056,483	214,000	3,069,145
1999	397,664	1,421,300	82,619	1,788,000	1,058,600	289,000	3,840,040
2000	398,550	1,248,500	97,877	1,800,000	1,058,600	190,000	3,634,250

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 39.2

Mundo: Rendimiento de arroz

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC		Asia		Mercosur	
		Estados Unidos de América	México	Japón	República de Corea	Argentina	Brasil
1961	53,401	38,227	22,751	48,794	41,480	32,391	16,989
1962	53,305	41,785	21,581	51,372	35,768	34,357	16,589
1963	50,373	44,449	21,993	50,821	43,974	34,073	15,423
1964	51,849	45,906	20,697	50,111	44,720	35,172	15,171
1965	43,675	47,693	27,344	49,489	39,634	39,423	16,410
1966	49,151	48,442	24,386	50,841	44,257	35,324	14,487
1967	52,239	50,851	24,821	57,490	40,551	35,096	15,828
1968	45,741	49,600	25,034	57,183	38,593	39,958	14,919
1969	52,338	48,399	25,816	55,505	46,623	39,429	13,838
1970	49,483	51,763	27,031	56,348	45,520	39,941	15,169
1971	49,821	52,882	24,039	52,439	46,697	37,306	13,840
1972	43,170	52,679	25,822	58,458	46,146	35,379	14,914
1973	53,640	47,911	29,958	60,175	49,504	33,965	14,933
1974	52,832	49,770	28,425	58,605	51,257	38,210	14,500
1975	55,536	51,086	27,921	61,856	53,243	37,946	14,665
1976	50,342	52,268	29,072	55,013	59,667	35,407	14,658
1977	40,165	49,450	31,438	61,683	67,868	35,320	15,009
1978	50,148	50,257	33,119	61,758	69,380	32,632	12,974
1979	57,561	51,548	32,652	59,864	63,905	30,469	13,931
1980	54,716	49,461	34,937	51,279	43,076	32,360	15,658
1981	54,707	54,015	40,597	56,295	58,410	35,000	13,485
1982	55,653	52,791	32,890	56,881	61,510	38,486	16,158
1983	54,402	51,532	31,580	57,008	61,926	36,602	15,155
1984	55,737	55,523	38,693	64,138	64,754	37,419	16,869
1985	59,563	60,704	37,305	62,246	63,514	36,782	18,980
1986	58,954	63,340	34,595	63,218	63,688	38,849	18,610
1987	57,019	62,271	38,175	61,901	60,173	39,185	17,375
1988	55,795	61,801	36,042	58,858	65,550	41,810	19,806
1989	58,582	64,465	34,803	61,679	64,456	46,711	20,993
1990	59,653	61,975	37,418	63,279	62,057	36,709	18,805
1991	59,262	64,244	40,954	58,590	60,346	40,294	23,008
1992	59,909	64,292	43,577	62,754	63,120	52,923	21,254
1993	58,178	61,762	48,725	45,783	57,330	43,559	22,944
1994	58,728	66,851	42,555	67,703	62,393	43,017	23,780
1995	57,496	63,010	46,792	63,432	60,524	50,326	25,654
1996	62,014	68,485	45,412	65,402	67,889	51,088	25,501
1997	63,908	66,099	41,365	64,163	69,529	53,699	27,310
1998	65,699	63,542	45,108	62,188	64,168	48,411	25,231
1999	66,156	65,750	47,779	64,143	68,680	57,370	30,684
2000	62,788	69,626	46,026	65,278	68,680	50,053	30,104

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembr

CUADRO 40.1

Mundo: Superficie cultivada de cebada

(Hectáreas)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	9,243,866	5,183,000	2,237,476	233,103	692,300	649,375	741,500	31,511
1962	9,254,549	4,944,000	2,139,462	192,645	612,800	672,464	360,900	28,454
1963	10,254,607	4,548,000	2,499,800	232,423	565,100	718,830	695,100	30,443
1964	10,134,358	4,160,000	2,223,514	211,709	478,300	755,423	552,600	31,164
1965	10,603,967	3,709,944	2,477,127	226,285	422,200	826,976	383,700	33,550
1966	11,555,487	4,148,617	3,019,439	240,750	387,900	766,965	410,700	41,175
1967	11,992,022	3,735,924	3,286,528	238,461	352,300	784,522	496,200	41,760
1968	12,540,551	3,939,115	3,583,199	251,829	315,900	789,712	538,800	34,741
1969	13,000,685	3,868,013	3,787,117	244,965	283,100	760,428	457,000	29,587
1970	13,308,446	3,930,859	4,003,863	224,051	225,800	730,269	356,200	25,044
1971	13,334,145	4,090,141	5,657,629	221,199	163,400	677,027	478,800	23,693
1972	13,586,556	3,904,272	5,062,102	217,401	121,200	710,173	602,400	19,829
1973	14,226,340	4,167,435	4,839,244	262,461	80,000	665,928	501,600	17,888
1974	14,405,318	3,209,112	4,775,020	173,353	77,500	703,689	368,700	16,298
1975	15,102,252	3,487,128	4,462,500	286,464	78,100	711,010	438,800	23,732
1976	15,042,146	3,415,095	4,353,386	363,518	80,300	710,974	476,000	48,500
1977	15,741,554	3,936,727	4,751,800	248,481	77,800	515,602	310,000	93,603
1978	16,169,505	3,742,570	4,265,700	296,391	96,100	554,380	355,000	89,423
1979	16,215,625	3,046,000	3,729,500	250,295	115,600	473,392	246,000	84,691
1980	15,998,726	2,938,000	4,687,200	319,315	122,200	330,656	172,600	72,048
1981	15,852,278	3,657,500	5,475,800	271,327	122,400	352,792	114,700	95,624
1982	15,494,142	3,647,400	5,148,800	229,441	122,900	316,947	118,900	166,882
1983	15,104,636	3,937,900	4,332,800	303,621	123,900	328,000	96,300	120,981
1984	15,146,089	4,540,000	4,557,000	283,121	116,700	337,858	107,200	73,193
1985	15,379,640	4,691,000	4,750,300	280,529	112,900	237,495	75,700	110,308
1986	15,094,092	4,846,000	4,828,700	266,485	107,400	190,456	76,255	102,935
1987	14,509,370	4,029,500	5,004,200	286,225	111,470	205,594	131,138	101,655
1988	14,566,145	3,090,000	4,152,400	247,214	113,880	195,282	139,160	101,979
1989	13,895,066	3,364,000	4,727,000	263,526	112,970	178,376	162,030	113,001
1990	13,460,367	3,047,000	4,528,700	262,840	106,100	159,135	148,900	105,067
1991	13,370,987	3,405,000	4,217,000	284,096	95,100	126,950	233,480	97,153
1992	12,703,022	2,948,200	3,792,000	289,974	84,300	103,294	228,700	67,171
1993	11,315,118	2,732,900	4,159,000	234,156	77,180	116,817	198,850	67,063
1994	10,930,706	2,698,100	4,092,000	115,815	62,330	84,221	149,000	53,607
1995	11,017,686	2,541,000	4,363,000	246,407	58,870	87,489	217,880	69,458
1996	11,430,573	2,714,000	4,888,000	283,295	57,070	92,353	250,000	89,266
1997	11,882,447	2,508,000	4,700,000	243,522	57,450	67,680	323,000	127,633
1998	11,365,481	2,373,000	4,272,000	267,548	54,720	82,032	213,000	156,185
1999	10,868,346	1,925,500	4,069,300	213,609	52,000	85,051	176,000	136,360
2000	10,732,900	2,118,550	4,700,000	312,077	52,000	85,051	176,000	150,308

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 40.2

Mundo: Rendimiento de cebada

(Hectogramos por héctarea)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	24221	16489	10961	7470	28547	25594	10789	7715
1962	28243	18839	16880	7844	28169	22990	9559	9713
1963	27,901	18,808	19,268	7,986	31,125	14,398	14,674	6,729
1964	29,504	20,209	16,495	8,057	25,147	22,557	14,948	9,199
1965	29,514	23,071	19,187	8,539	29,228	24,511	10,529	8,182
1966	28,441	20,582	21,721	9,141	28,484	29,558	10,665	8,429
1967	32,244	21,785	16,751	8,529	29,302	27,443	11,850	7,347
1968	30,980	23,557	19,811	10,035	32,305	29,542	10,319	8,344
1969	31,063	24,039	21,345	8,674	28,686	30,430	12,473	10,349
1970	27,673	23,049	22,202	10,603	25,354	30,263	10,303	10,675
1971	32,400	24,617	23,152	12,221	30,771	30,974	11,550	8,292
1972	33,515	23,517	22,293	14,263	26,799	31,288	14,608	7,788
1973	32,686	21,808	21,126	14,949	27,038	30,093	14,593	7,186
1974	34,206	20,263	18,409	14,444	30,077	27,384	11,663	7,398
1975	31,794	23,673	21,311	15,369	28,284	33,206	11,912	10,729
1976	29,700	24,418	24,149	15,109	26,189	34,361	15,966	12,691
1977	33,938	23,659	24,836	16,814	26,452	21,916	11,387	10,178
1978	35,902	26,456	24,376	17,048	33,923	33,316	15,606	16,094
1979	33,774	27,390	22,733	14,684	35,156	43,410	13,780	11,586
1980	37,204	26,762	24,309	16,594	31,530	33,267	12,572	10,365
1981	33,153	28,187	25,063	20,300	31,291	32,824	11,465	11,491
1982	36,296	30,797	27,124	18,458	31,709	33,413	17,780	5,904
1983	34,530	28,101	23,562	18,359	30,621	35,305	17,238	10,326
1984	43,101	28,678	22,594	21,864	33,890	33,446	20,896	10,591
1985	40,045	27,393	26,076	19,113	33,446	33,377	15,588	15,467
1986	37,437	27,340	30,170	19,226	32,067	33,002	18,346	18,009
1987	38,406	28,178	27,891	21,587	31,659	34,881	21,481	19,135
1988	40,585	20,434	24,603	14,987	35,037	39,935	23,627	12,310
1989	40,454	26,159	24,929	16,508	32,876	40,162	22,512	21,903
1990	41,415	30,167	29,680	18,716	32,601	36,320	21,934	14,976
1991	42,288	29,689	27,548	20,423	29,611	37,150	24,557	11,375
1992	37,146	33,607	29,092	18,966	33,903	42,306	25,501	19,002
1993	41,859	31,710	31,190	23,084	36,719	37,923	23,113	16,395
1994	39,879	30,247	28,573	26,531	36,066	38,233	23,111	16,903
1995	39,543	30,791	29,871	19,749	37,065	44,915	17,709	15,064
1996	46,169	31,481	31,837	20,676	40,862	43,478	21,480	24,997
1997	44,176	31,240	28,781	19,328	33,612	38,222	28,669	20,281
1998	45,644	32,308	29,749	15,353	26,243	31,271	25,310	19,339
1999	44,887	31,870	32,428	21,822	39,423	38,875	22,727	23,105
2000	48,254	31,852	31,064	17,044	39,423	38,875	22,727	24,542

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

SECTOR AGROPECUARIO

CUADRO 41.1

Mundo: Superficie cultivada de frijol

(Hectáreas)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	1,204,101	581,120	26,587	1,617,107	223,900	36,076	31,130	2,580,567
1962	1,187,714	581,930	26,506	1,673,694	225,000	35,112	22,740	2,716,257
1963	1,163,152	563,719	28,651	1,710,767	217,100	36,668	28,352	2,982,432
1964	1,106,226	570,194	33,669	2,091,025	212,900	37,156	30,383	3,130,562
1965	1,049,234	610,257	38,485	2,116,858	200,600	40,304	37,453	3,272,525
1966	1,041,998	610,287	47,752	2,240,022	214,100	48,045	28,332	3,324,592
1967	966,423	501,399	34,802	1,929,967	192,300	50,620	28,707	3,650,568
1968	900,386	576,264	36,785	1,790,669	169,400	51,460	38,321	3,663,301
1969	872,660	594,475	36,421	1,655,520	155,500	52,133	56,685	3,633,264
1970	843,969	570,194	33,224	1,746,947	163,600	49,530	41,300	3,484,778
1971	726,064	524,465	45,810	1,965,126	161,900	45,029	60,640	3,936,281
1972	678,873	554,816	54,308	1,686,746	161,300	42,060	62,200	3,971,034
1973	632,385	538,912	53,903	1,869,686	146,300	42,349	78,700	3,815,452
1974	612,687	614,223	69,400	1,551,877	136,400	41,235	108,000	4,288,555
1975	615,997	593,301	65,558	1,752,632	120,400	44,549	137,410	4,145,916
1976	573,052	602,690	66,400	1,315,819	109,000	45,875	146,960	4,059,176
1977	558,557	513,903	70,000	1,630,732	109,300	46,135	171,000	4,551,032
1978	563,816	588,580	59,893	1,580,228	87,400	36,699	136,000	4,617,259
1979	518,141	561,600	34,000	1,051,431	83,600	40,121	231,290	4,212,424
1980	511,814	752,300	38,400	1,551,352	79,300	38,790	205,000	4,643,409
1981	467,480	918,600	44,500	1,990,569	79,000	42,780	211,400	5,026,925
1982	459,991	719,100	44,500	1,571,092	93,000	45,437	229,700	5,926,143
1983	426,018	460,930	27,500	1,957,801	98,400	35,950	199,900	4,064,028
1984	404,761	591,000	30,400	1,679,426	96,100	31,205	184,805	5,320,150
1985	375,581	599,500	36,400	1,782,341	84,800	29,728	191,350	5,315,890
1986	243,973	605,000	43,700	1,807,976	77,600	34,687	225,780	5,477,688
1987	234,705	673,800	56,700	1,787,066	84,800	40,452	159,753	5,221,794
1988	218,972	547,500	42,500	1,947,298	86,500	39,565	170,900	5,764,882
1989	205,390	668,100	44,500	1,320,851	90,500	33,918	137,100	5,175,270
1990	191,416	843,500	54,600	2,094,017	89,000	26,690	207,400	4,680,085
1991	185,504	774,460	50,900	1,988,981	76,400	27,876	189,630	5,442,813
1992	146,796	619,140	63,700	1,295,588	68,400	23,602	183,000	5,150,339
1993	134,454	654,800	80,700	1,873,862	69,800	22,093	150,000	3,886,351
1994	122,431	741,000	79,500	2,086,687	72,000	18,899	171,000	5,469,012
1995	120,609	767,400	104,900	2,040,447	70,800	27,500	221,000	4,996,090
1996	101,158	706,500	73,600	2,048,397	67,600	23,720	243,000	4,944,699
1997	87,079	711,750	87,700	1,615,057	65,300	22,541	255,000	4,401,770
1998	82,329	776,070	93,900	2,146,472	60,000	22,433	270,000	3,324,388
1999	81,250	759,600	149,900	1,694,659	57,800	22,433	275,000	4,148,370
2000	79,526	639,650	149,900	2,234,936	57,800	22,433	275,000	4,340,440

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 41.2

Mundo: Rendimiento de frijol

(Hectogramos por Hectárea)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	4,690	15,413	11,874	4,473	14,064	5,041	10,601	6,760
1962	3,978	14,049	14,118	3,917	10,707	5,289	10,686	6,295
1963	4,758	16,153	14,059	3,959	12,607	5,040	11,498	6,513
1964	4,660	13,886	14,518	4,264	7,661	5,513	9,611	6,231
1965	4,350	12,302	15,047	4,061	12,079	4,955	10,226	6,997
1966	4,738	14,835	14,626	4,523	8,113	5,042	10,518	6,461
1967	4,987	13,769	17,079	5,079	13,697	4,984	9,510	6,979
1968	5,115	13,723	11,306	4,786	12,934	6,271	5,965	6,605
1969	5,167	14,431	13,347	5,041	12,547	6,092	5,628	6,055
1970	5,534	13,841	15,606	5,295	14,224	6,294	9,564	6,346
1971	5,945	13,785	14,169	4,854	10,303	6,368	9,730	6,829
1972	5,584	14,702	15,405	5,155	15,629	6,257	9,325	6,739
1973	6,252	13,697	15,470	5,396	15,174	6,321	9,263	5,850
1974	5,861	15,013	13,020	6,261	14,736	8,405	10,676	5,219
1975	5,827	13,335	14,721	5,861	12,924	7,929	7,911	5,505
1976	5,609	13,424	13,630	5,622	13,193	9,193	11,602	4,534
1977	5,603	14,612	7,171	4,722	15,727	9,451	9,064	5,032
1978	6,162	14,592	12,509	6,004	16,854	8,755	9,779	4,752
1979	6,375	16,599	24,259	6,092	15,407	9,880	10,160	5,190
1980	5,637	16,116	22,578	6,028	11,274	8,889	7,122	4,239
1981	5,735	16,172	14,539	6,688	11,165	9,507	10,596	4,657
1982	5,949	16,124	15,303	6,236	16,355	10,451	11,058	4,898
1983	6,216	15,273	14,036	6,564	9,492	10,116	10,830	3,889
1984	6,415	16,171	14,836	5,542	17,523	9,790	10,346	4,935
1985	6,609	16,871	16,071	5,116	16,592	10,040	10,363	4,795
1986	10,109	17,213	9,565	6,004	16,482	10,810	9,323	4,052
1987	9,365	17,524	22,081	5,729	15,531	10,437	8,400	3,842
1988	9,698	15,951	23,294	4,429	15,214	11,952	10,082	4,862
1989	9,443	16,110	16,000	4,493	15,713	11,514	9,103	4,460
1990	8,912	17,416	19,194	6,148	16,888	10,605	10,021	4,772
1991	9,064	19,776	24,499	6,931	17,382	11,367	12,739	5,051
1992	10,154	16,571	19,341	5,546	14,971	12,011	11,599	5,435
1993	10,761	15,144	16,208	6,871	10,272	10,815	11,040	6,380
1994	11,186	17,719	21,472	6,538	15,097	9,107	11,579	6,159
1995	10,653	18,139	19,361	6,229	19,506	10,795	10,769	5,897
1996	12,824	17,919	15,285	6,586	16,391	12,249	9,342	5,708
1997	14,267	18,714	18,290	5,975	16,034	11,201	10,549	6,453
1998	13,907	17,778	19,702	5,873	17,067	10,743	11,222	6,618
1999	14,245	19,843	18,979	6,377	17,647	10,743	11,273	6,791
2000	14,500	18,270	18,979	5,180	17,647	10,743	11,273	7,150

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 42.1

Mundo: Superficie cultivada de maíz

(Hectáreas)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	3,371,032	23,323,008	161,912	6,287,747	43,100	23,809	2,744,400	6,885,740
1962	3,156,619	22,551,008	177,776	6,371,704	42,100	25,804	2,756,670	7,347,881
1963	3,300,388	23,968,000	223,586	6,963,077	38,500	31,478	2,645,400	7,957,633
1964	3,197,958	22,407,008	265,065	7,460,627	35,600	42,891	2,970,500	8,105,894
1965	3,083,225	22,416,032	301,891	7,718,371	30,100	49,399	3,062,300	8,771,318
1966	3,153,735	23,067,568	326,415	8,286,935	26,100	42,391	3,274,500	8,703,169
1967	3,183,232	24,561,648	354,540	7,610,932	21,400	49,986	3,450,500	9,274,321
1968	3,253,218	22,653,984	390,233	7,675,845	18,000	42,119	3,377,700	9,584,386
1969	3,476,231	22,085,008	399,500	7,103,509	14,600	44,339	3,556,000	9,653,757
1970	3,872,918	23,211,632	499,294	7,439,684	11,900	46,618	4,017,330	9,858,108
1971	3,964,020	25,949,296	570,639	7,691,656	10,000	39,863	4,066,000	10,550,489
1972	4,164,488	23,274,368	537,010	7,292,180	8,000	35,343	3,147,200	10,538,943
1973	4,135,273	25,148,032	530,131	7,606,341	6,000	36,172	3,565,400	9,923,570
1974	4,072,025	26,468,096	590,833	6,717,234	5,340	35,165	3,486,000	10,672,450
1975	4,111,882	27,366,480	634,943	6,694,267	5,210	31,589	3,070,000	10,854,687
1976	3,482,102	28,937,056	709,000	6,783,184	4,200	30,054	2,765,900	11,117,570
1977	3,804,793	28,980,752	736,100	7,469,649	3,090	30,186	2,532,000	11,797,411
1978	3,977,332	29,109,344	851,850	7,191,128	2,400	30,863	2,660,000	11,124,827
1979	4,226,565	29,298,800	952,600	5,581,158	1,930	32,486	2,800,000	11,318,885
1980	3,956,488	29,525,904	1,022,200	6,776,479	1,760	35,322	2,490,000	11,451,293
1981	3,778,324	30,158,400	1,140,900	7,668,692	1,400	33,161	3,394,000	11,520,336
1982	3,909,954	29,427,904	1,109,000	5,629,549	1,010	28,414	3,170,000	12,619,531
1983	3,889,826	20,834,000	1,074,900	7,421,317	783	27,252	2,970,000	10,705,979
1984	4,025,076	29,095,008	1,149,300	6,892,682	744	30,040	3,024,800	12,018,446
1985	4,197,914	30,436,000	1,123,400	7,589,537	634	26,136	3,340,000	11,798,349
1986	4,148,730	27,885,008	993,800	6,470,501	502	23,645	3,231,000	12,460,130
1987	3,986,108	24,080,000	999,300	6,804,274	420	26,270	2,900,000	13,499,440
1988	4,323,076	23,573,008	981,400	6,502,674	332	22,060	2,437,500	13,181,990
1989	4,124,015	26,216,000	1,034,600	6,469,702	312	24,727	1,683,700	12,918,980
1990	3,664,794	27,094,800	1,030,000	7,338,872	317	25,987	1,560,330	11,390,650
1991	4,036,707	27,851,000	1,104,800	6,946,831	309	21,874	1,900,100	13,109,840
1992	3,994,855	29,168,800	857,700	7,219,352	278	21,000	2,365,440	13,388,950
1993	3,951,347	25,468,000	1,012,000	7,428,220	200	19,622	2,503,010	11,868,033
1994	3,846,715	29,345,000	973,000	8,193,968	169	21,667	2,445,040	13,747,739
1995	3,824,296	26,389,000	1,003,500	8,020,392	120	17,541	2,522,000	13,960,016
1996	4,179,897	29,398,000	1,090,000	8,050,931	102	17,908	2,603,720	13,415,354
1997	4,352,551	29,409,000	1,045,100	7,406,061	109	21,097	3,410,000	12,562,100
1998	4,182,732	29,376,000	1,118,000	7,876,819	94	20,140	3,186,000	10,605,252
1999	4,177,580	28,545,600	1,140,800	7,152,829	75	20,000	2,605,000	11,608,700
2000	4,313,000	29,566,000	120,000	8,661,378	75	20,000	2,967,000	11,856,900

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 42.2

Mundo: Rendimiento de maíz

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	25,425	39,184	45,822	9,934	26,914	6,788	17,672	13,123
1962	22,488	40,621	47,721	9,946	24,608	6,796	18,936	13,048
1963	29,581	42,596	41,108	9,867	26,883	6,493	16,481	13,092
1964	26,287	39,498	50,636	11,332	23,539	8,093	18,010	11,606
1965	28,937	46,492	50,061	11,578	25,017	8,085	16,785	13,809
1966	32,626	45,892	51,615	11,188	24,253	9,436	21,499	13,066
1967	33,492	50,265	53,110	11,304	28,458	6,802	24,663	13,828
1968	38,379	49,891	53,209	11,806	28,556	14,245	19,422	13,369
1969	39,911	53,908	47,131	11,840	27,192	14,114	19,291	13,149
1970	42,297	45,439	52,748	11,935	27,647	13,514	23,299	14,421
1971	45,527	55,270	51,625	12,723	25,000	16,090	24,422	13,393
1972	41,827	60,897	47,082	12,648	28,750	18,108	18,620	14,130
1973	49,551	57,278	52,881	11,318	28,333	14,929	27,206	14,295
1974	44,398	45,119	44,339	11,683	24,906	17,347	28,399	15,248
1975	43,328	54,213	57,405	12,621	26,871	17,153	25,081	15,048
1976	42,727	55,206	53,025	11,819	26,190	23,167	21,169	15,967
1977	51,410	57,015	57,729	13,572	26,311	27,398	32,780	16,322
1978	51,577	63,421	52,586	15,199	29,167	32,462	36,466	12,197
1979	52,457	68,734	55,386	15,154	25,907	45,866	31,071	14,406
1980	55,188	57,118	56,283	18,261	19,886	43,619	25,703	17,790
1981	60,026	68,380	58,573	18,240	22,500	43,829	38,008	18,330
1982	61,884	71,082	58,812	17,976	20,297	41,194	30,284	17,308
1983	60,865	50,893	55,177	17,770	13,627	36,928	30,303	17,496
1984	62,109	66,980	58,971	18,554	21,102	44,407	31,407	17,610
1985	65,804	74,074	62,043	18,583	24,606	50,417	35,629	18,662
1986	65,539	74,930	59,484	18,406	19,920	47,904	37,450	16,486
1987	69,676	75,225	70,197	17,058	23,810	48,493	31,897	19,843
1988	71,215	53,109	54,710	16,289	24,096	47,987	37,744	18,775
1989	70,464	72,978	63,512	16,929	25,641	48,784	29,103	20,582
1990	66,076	74,380	68,602	19,942	25,237	46,126	34,608	18,736
1991	71,621	68,172	67,098	20,515	25,890	34,107	40,444	18,108
1992	78,060	82,526	57,561	23,450	25,180	43,906	45,237	22,822
1993	80,235	63,211	66,749	24,401	25,000	41,844	43,552	25,282
1994	76,924	86,997	73,895	22,255	24,852	40,882	42,371	23,631
1995	79,409	71,230	72,556	22,883	25,000	42,452	45,218	25,985
1996	84,891	79,777	69,193	22,387	24,510	40,299	40,396	23,991
1997	90,490	79,522	68,702	23,840	24,771	41,126	45,560	26,228
1998	86,908	84,382	80,072	23,429	24,468	39,823	60,766	27,811
1999	90,575	83,978	79,736	25,604	24,000	41,000	51,823	27,598
2000	88,967	89,027	708,333	21,660	24,000	41,000	49,545	27,457

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 43.1

Mundo: Superficie cultivada de ajonjolí

(Hectáreas)

Año	Unión Europea (15)	TLC		Asia		Brasil
		Estados Unidos de América	México	Japón	República de Corea	
1961	23,670	2,480	216,670	7,870	7,185	5,200
1962	18,665	900	238,270	7,530	7,990	8,000
1963	31,647	1,100	250,677	7,040	7,618	2,600
1964	23,447	750	261,276	6,610	9,087	5,200
1965	13,520	0	267,234	5,960	10,233	6,000
1966	18,163	0	252,109	5,510	11,305	1,700
1967	18,566	0	270,764	4,700	13,547	8,700
1968	14,840	0	258,991	1,700	13,599	1,700
1969	11,655	0	264,070	590	17,436	2,600
1970	19,542	0	273,768	1,000	25,773	7,000
1971	15,948	0	281,172	660	27,672	6,000
1972	13,744	0	276,495	510	30,539	4,500
1973	11,391	0	255,166	390	35,070	4,500
1974	6,669	0	240,257	500	36,974	4,500
1975	6,803	0	218,660	500	52,166	4,500
1976	6,471	0	197,959	500	65,241	4,500
1977	4,193	0	204,701	500	57,619	4,500
1978	2,948	0	243,760	500	70,475	5,000
1979	3,557	0	307,175	500	63,594	5,000
1980	5,027	0	263,999	500	48,685	5,000
1981	2,981	0	143,483	500	37,513	5,000
1982	2,222	0	91,043	500	62,256	5,000
1983	1,957	0	165,529	500	74,678	5,000
1984	1,306	0	132,760	417	72,772	5,000
1985	1,136	0	142,031	457	73,355	5,000
1986	1,055	0	111,891	419	88,423	5,000
1987	1,008	0	96,959	471	94,289	5,000
1988	835	0	81,734	550	78,364	7,000
1989	587	0	79,032	370	64,896	20,000
1990	393	0	110,432	200	58,347	20,000
1991	463	0	72,104	0	57,717	20,000
1992	409	0	42,981	0	46,331	20,000
1993	423	0	35,471	0	46,369	21,000
1994	335	0	18,897	0	40,834	22,000
1995	235	0	36,682	0	52,263	22,000
1996	200	0	80,322	0	42,373	22,000
1997	200	0	43,028	0	48,823	22,000
1998	189	0	57,763	0	52,814	22,000
1999	200	0	54,242	0	49,379	24,000
2000	200	0	66,475	0	49,379	24,000

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

CUADRO 43.2

Mundo: Rendimiento de ajonjolí

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC		Asia		Brasil
		Estados Unidos de América	México	Japón	República de Corea	
1961	3,312	5,488	6,776	6,379	3,942	5,769
1962	3,085	5,556	6,625	6,494	3,834	5,625
1963	3,897	5,455	6,752	6,619	3,900	5,769
1964	3,766	5,333	6,571	6,445	4,202	5,769
1965	3,978	0	5,778	6,326	4,069	5,833
1966	3,817	0	6,611	6,243	4,628	5,882
1967	4,105	0	5,736	6,170	4,517	5,747
1968	3,317	0	6,142	5,882	4,807	5,882
1969	3,681	0	6,626	5,932	4,421	5,769
1970	3,863	0	6,555	5,700	4,030	5,714
1971	4,150	0	6,412	6,818	4,840	5,833
1972	3,935	0	5,807	6,471	4,695	5,556
1973	3,950	0	6,982	6,154	4,814	5,556
1974	4,290	0	6,654	6,000	4,565	5,556
1975	4,627	0	5,064	6,000	4,818	5,556
1976	3,712	0	4,283	6,000	5,448	5,556
1977	4,615	0	5,927	6,000	5,198	5,556
1978	4,376	0	5,494	6,000	4,541	6,000
1979	4,636	0	5,661	6,000	3,344	6,000
1980	4,440	0	5,176	6,000	1,453	6,000
1981	5,944	0	4,696	5,600	3,700	6,000
1982	4,842	0	4,039	5,600	3,305	6,000
1983	5,013	0	5,242	5,600	4,973	6,000
1984	5,582	0	4,739	5,995	5,731	6,000
1985	9,419	0	5,253	4,814	5,563	6,000
1986	5,791	0	5,623	4,988	5,456	6,000
1987	5,446	0	5,455	5,817	4,593	6,000
1988	8,563	0	4,279	5,455	6,681	5,714
1989	5,468	0	5,818	5,405	6,122	6,000
1990	5,318	0	5,421	5,000	6,525	6,000
1991	5,162	0	5,131	0	5,157	6,000
1992	6,944	0	5,299	0	6,275	6,500
1993	5,650	0	6,382	0	3,509	6,190
1994	7,224	0	4,690	0	6,841	5,909
1995	6,298	0	5,747	0	6,096	5,909
1996	7,500	0	5,901	0	6,931	5,909
1997	6,300	0	4,989	0	6,840	5,909
1998	6,508	0	5,480	0	5,250	5,909
1999	6,150	0	5,811	0	4,880	6,250
2000	6,150	0	5930	0	4880	6,250

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

CUADRO 44.1

Mundo: Superficie cultivada de semilla de algodón

(Hectáreas)

Año	Unión Europea (15)	TLC		República de Corea	Mercosur	
		Estados Unidos de América	México		Argentina	Brasil
1961	557,255	6,327,000	793,964	48,133	499,200	2,023,000
1962	646,184	6,300,462	787,025	52,289	537,200	2,226,000
1963	511,960	5,751,000	846,580	25,122	519,100	2,226,000
1964	353,079	5,688,000	808,690	22,978	519,600	2,327,000
1965	347,419	5,508,787	813,318	19,065	533,500	2,327,000
1966	377,740	3,865,503	695,379	18,671	440,700	2,226,000
1967	289,356	3,236,226	662,018	17,309	330,000	3,719,805
1968	284,535	4,111,549	705,335	16,443	282,000	3,902,238
1969	314,704	4,472,159	513,224	16,837	405,900	4,194,676
1970	238,578	4,514,205	411,172	16,010	452,100	4,298,573
1971	222,553	4,642,084	457,799	13,786	366,770	4,459,626
1972	300,200	5,254,365	523,426	13,031	398,400	4,200,000
1973	250,059	4,844,020	425,134	13,532	457,100	4,318,609
1974	259,952	5,077,358	578,322	10,548	474,000	3,630,858
1975	205,052	3,559,565	226,783	6,142	505,000	3,876,389
1976	208,737	4,416,475	234,981	6,648	413,600	3,409,185
1977	263,733	5,372,248	419,630	6,107	518,000	4,096,970
1978	206,042	5,018,030	349,767	6,532	607,000	3,951,040
1979	187,330	5,192,408	374,878	8,163	669,000	3,646,145
1980	207,999	5,347,800	355,330	8,664	567,500	3,699,495
1981	205,594	5,601,300	349,210	4,808	282,000	3,510,972
1982	188,738	3,939,100	170,277	3,802	399,400	3,624,217
1983	214,190	2,973,460	212,744	3,386	343,400	2,926,496
1984	267,369	4,200,000	289,108	2,550	469,700	3,114,117
1985	299,983	4,139,600	197,461	1,894	447,000	3,590,180
1986	307,660	3,427,000	164,502	1,067	338,800	3,159,547
1987	300,160	4,059,000	224,256	606	273,250	1,972,665
1988	395,645	4,835,000	298,059	642	492,100	2,557,637
1989	342,852	3,860,600	177,895	600	501,500	2,112,124
1990	342,947	4,748,000	219,772	550	544,900	1,895,363
1991	313,541	5,245,000	248,677	500	538,500	1,829,504
1992	383,467	4,510,000	46,195	400	529,100	1,877,848
1993	377,911	5,173,000	39,765	0	302,080	1,059,739
1994	408,239	5,391,400	168,879	0	484,000	1,181,371
1995	472,342	6,478,000	274,617	0	680,000	1,192,208
1996	497,538	5,125,550	306,984	0	969,000	855,748
1997	519,759	5,425,000	207,065	0	888,000	632,563
1998	521,039	4,323,550	245,278	0	878,000	839,076
1999	532,900	5,432,900	144,906	0	640,000	671,630
2000	518,200	5,715,400	139,699	0	326,000	825,712

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

CUADRO 44.2

Mundo: Rendimiento de semilla de algodón

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC		República de Corea	Mercosur	
		Estados Unidos de América	México		Argentina	Brasil
1961	11,128	13,486	15,001	5,787	7,875	6,307
1962	9,602	13,963	16,340	3,374	6,348	7,345
1963	11,796	15,557	16,750	4,767	8,447	6,608
1964	13,105	15,744	18,524	5,537	6,490	6,536
1965	14,068	15,933	19,242	6,198	8,566	5,832
1966	14,144	14,675	19,845	7,341	8,400	7,345
1967	16,930	14,006	19,788	6,852	8,176	4,549
1968	16,215	16,022	22,117	7,705	8,156	5,124
1969	16,616	13,115	20,381	8,047	9,029	5,032
1970	20,568	13,091	21,645	8,333	10,135	4,548
1971	21,915	13,200	22,455	8,743	7,771	4,827
1972	19,147	14,990	20,824	8,751	7,334	4,570
1973	20,085	15,225	23,287	8,592	9,276	5,264
1974	20,545	13,006	23,170	8,744	8,827	5,395
1975	25,685	13,279	23,997	9,116	10,713	4,510
1976	21,856	13,683	24,806	8,735	10,759	3,702
1977	19,787	15,155	28,523	8,837	10,077	4,638
1978	24,546	12,428	29,932	8,723	11,763	3,974
1979	24,156	16,230	27,652	9,478	8,559	4,488
1980	26,330	12,113	30,535	8,416	8,553	4,530
1981	28,729	16,442	27,853	8,808	9,408	4,932
1982	24,761	17,537	31,360	9,056	12,293	5,320
1983	24,641	15,075	30,490	8,963	10,871	5,462
1984	22,363	17,851	28,630	9,925	12,987	6,936
1985	23,419	18,632	30,702	10,011	11,993	7,957
1986	28,913	16,245	24,926	10,384	11,116	7,325
1987	27,728	20,812	33,545	9,274	11,813	8,478
1988	26,716	18,312	27,073	9,720	17,261	9,912
1989	29,252	17,868	26,259	9,750	12,350	8,732
1990	27,103	18,512	25,178	9,818	16,938	9,564
1991	27,251	19,291	22,466	9,600	14,659	11,349
1992	25,909	20,361	19,831	9,750	12,322	10,039
1993	28,775	17,912	19,123	0	14,273	10,713
1994	33,292	20,735	20,139	0	14,583	11,573
1995	30,215	15,607	22,767	0	16,508	12,171
1996	25,654	20,689	24,928	0	13,901	11,815
1997	28,734	19,137	30,530	0	11,599	13,009
1998	28,990	18,265	28,759	0	11,241	14,036
1999	29,968	17,409	29,258	0	9,656	21,214
2000	28,773	17,895	27,968	0	13,589	21,814

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

CUADRO 45.1

Mundo: Superficie de cártamo

(Hectáreas)

Año	Unión Europea (15)	TLC		Argentina
		Estados Unidos de América	México	
1961	45000	169966	32861	0
1962	45,000	216,908	36,826	0
1963	45,000	229,858	36,326	0
1964	45,000	149,327	35,597	0
1965	45,000	116,548	58,805	0
1966	55,000	142,447	164,933	0
1967	70,085	125,855	100,314	0
1968	54,602	68,976	85,748	10
1969	10,751	92,267	144,782	15
1970	14,268	86,602	175,391	150
1971	48,986	97,123	264,932	1,850
1972	44,590	97,000	198,837	4,672
1973	68,305	95,000	197,992	7,274
1974	56,172	90,000	191,654	8,200
1975	61,680	95,000	363,051	3,922
1976	66,325	40,000	184,937	7,538
1977	42,421	80,000	403,713	2,700
1978	22,576	87,000	429,062	2,040
1979	20,205	100,000	528,357	1,550
1980	23,173	58,000	416,250	900
1981	13,062	51,000	398,820	650
1982	22,437	61,260	190,140	2,320
1983	19,771	47,000	348,838	9,300
1984	22,236	71,000	226,710	10,225
1985	20,960	78,000	234,004	13,960
1986	15,800	77,000	206,192	7,300
1987	12,464	85,237	277,211	13,800
1988	7,382	104,000	201,206	21,300
1989	6,573	96,500	148,898	24,205
1990	1,385	83,000	157,199	23,000
1991	391	84,580	93,704	20,500
1992	588	124,240	81,102	20,000
1993	317	118,570	73,443	21,000
1994	260	92,270	57,676	12,000
1995	53	95,910	96,795	16,000
1996	344	93,080	120,544	10,000
1997	188	87,008	93,152	20,000
1998	200	115,340	123,140	27,000
1999	200	106,030	166,338	15,000
2000	200	84,580	103,457	34,000

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

CUADRO 45.2

Mundo: Rendimiento de cártamo

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC		Argentina
		Estados Unidos de América	México	
1961	4,444	9,607	12,597	0
1962	4,444	15,851	12,702	0
1963	4,444	15,590	12,982	0
1964	4,444	16,828	13,245	0
1965	4,444	23,274	13,541	0
1966	5,455	21,717	14,324	0
1967	7,965	20,039	14,858	0
1968	7,144	23,542	11,912	7,000
1969	5,012	21,336	14,427	6,667
1970	5,898	19,636	16,449	7,000
1971	7,216	24,472	15,503	7,070
1972	5,104	24,093	13,644	6,100
1973	4,482	18,851	15,060	6,200
1974	4,226	17,778	14,215	9,573
1975	4,642	18,947	14,662	8,491
1976	5,205	17,250	12,995	7,800
1977	3,742	19,875	12,842	7,407
1978	8,120	19,310	14,347	7,451
1979	7,811	18,500	12,013	8,516
1980	9,459	18,103	11,524	7,778
1981	3,617	18,039	8,128	9,692
1982	6,403	17,658	12,575	8,017
1983	6,651	18,085	7,996	4,946
1984	6,998	18,113	9,365	5,643
1985	8,230	17,372	6,478	7,450
1986	8,544	15,532	7,964	4,315
1987	8,744	17,246	7,928	4,928
1988	8,705	14,423	12,308	8,404
1989	8,578	14,508	9,544	7,500
1990	10,289	14,458	10,139	6,900
1991	8,286	13,450	9,410	8,049
1992	10,714	14,851	5,059	8,750
1993	9,527	20,501	8,699	7,619
1994	15,308	20,971	11,083	5,833
1995	9,057	19,839	11,702	6,250
1996	18,430	20,500	15,064	6,000
1997	13,404	22,420	17,540	6,650
1998	12,500	16,204	13,904	9,259
1999	12,500	17,316	15,796	6,533
2000	12,500	21,282	10,538	9,118

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

CUADRO 46.1

Mundo : Superficie cultivada de sorgo

(Hectáreas)

Año	Unión Europea (15)	TLC		Asia		Mercosur	
		Estados Unidos de América	México	Japón	República de Corea	Argentina	Brasil
1961	21,755	4,445,000	116,693	1,290	10,690	786,700	2
1962	32,964	4,683,000	117,637	1,110	12,880	860,800	2
1963	54,852	5,393,000	197,566	910	12,706	828,000	2
1964	65,388	4,752,000	276,494	790	16,040	983,760	2
1965	61,724	5,273,000	314,373	583	15,365	819,700	9
1966	85,122	5,185,165	575,860	350	13,733	1,123,127	900
1967	92,183	6,065,344	673,345	350	11,364	1,032,940	900
1968	95,839	5,621,005	829,719	180	10,844	1,266,180	900
1969	117,289	5,437,685	883,214	0	10,743	1,456,000	900
1970	114,517	5,490,698	970,930	0	9,563	2,110,500	900
1971	105,083	6,532,345	935,785	0	7,721	2,369,400	900
1972	130,251	5,346,632	1,108,972	0	7,237	1,580,700	900
1973	120,173	6,353,476	1,184,596	0	7,665	2,270,800	146,904
1974	113,309	5,588,226	1,155,746	0	6,389	2,433,100	110,968
1975	128,786	6,233,280	1,445,100	0	6,332	2,010,300	86,683
1976	125,564	5,854,100	1,251,130	0	6,445	1,902,800	121,600
1977	152,514	5,583,360	1,413,386	0	5,926	2,461,000	177,644
1978	158,269	5,426,890	1,399,296	0	5,311	2,344,000	104,361
1979	139,922	5,220,910	1,163,567	0	4,130	2,122,500	71,715
1980	127,124	5,063,800	1,543,092	0	3,856	1,279,000	78,209
1981	118,788	5,534,800	1,684,434	0	4,257	2,100,000	92,191
1982	106,633	5,721,000	1,284,705	0	3,297	2,510,000	122,646
1983	100,017	4,047,200	1,528,063	0	2,806	2,520,000	136,285
1984	102,156	6,214,000	1,635,858	0	2,704	2,370,000	170,860
1985	80,584	6,791,500	1,862,140	0	1,361	1,965,000	170,088
1986	78,384	5,608,500	1,535,071	0	1,487	1,280,000	191,012
1987	65,490	4,261,800	1,855,091	0	1,750	977,000	227,237
1988	82,809	3,659,000	1,799,700	0	1,253	956,000	190,239
1989	115,361	4,493,000	1,620,828	0	1,072	641,100	161,088
1990	107,376	3,678,000	1,817,741	0	1,418	729,135	133,425
1991	118,538	3,994,000	1,380,912	0	1,502	676,000	171,844
1992	140,765	4,876,500	1,375,805	0	707	764,000	159,106
1993	126,885	3,608,200	877,663	0	516	723,450	125,007
1994	108,593	3,594,000	1,251,830	0	925	612,000	152,966
1995	87,817	3,340,000	1,372,350	0	1,141	477,000	138,984
1996	100,631	4,780,000	2,184,720	0	1,524	549,930	189,286
1997	110,191	3,706,000	1,877,356	0	1,591	678,000	274,623
1998	108,841	3,125,000	1,953,073	0	1,154	782,000	333,835
1999	93,344	3,457,700	1,913,440	0	1,154	735,000	361,091
2000	102,244	3,365,000	2,170,013	0	1,154	719,000	489,659

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 46.2

Mundo: Rendimiento de sorgo

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC		Asia		Mercosur	
		Estados Unidos de América	México	Japón	República de Corea	Argentina	Brasil
1961	18,517	27,442	24,906	12,636	4,960	18,771	0
1962	15,877	27,679	25,155	12,432	4,876	18,559	0
1963	19,002	27,573	20,357	12,747	4,669	14,200	0
1964	22,754	26,181	19,008	11,646	4,873	15,110	0
1965	24,696	32,405	23,761	11,252	4,879	12,913	22,222
1966	23,778	35,026	24,502	11,429	5,635	21,243	22,222
1967	23,477	31,633	24,751	11,429	5,666	15,659	22,222
1968	32,762	33,046	25,703	11,111	6,528	16,059	22,222
1969	31,540	34,097	27,807	0	6,584	17,964	22,222
1970	33,972	31,605	28,295	0	6,873	19,277	22,222
1971	39,940	33,752	26,886	0	7,123	20,191	22,222
1972	32,684	38,071	23,549	0	6,990	15,739	27,778
1973	40,813	36,910	27,603	0	7,178	22,667	16,958
1974	41,407	28,305	27,537	0	7,075	24,942	21,874
1975	36,813	30,740	28,550	0	7,527	24,563	23,269
1976	35,706	30,842	32,186	0	7,769	27,156	22,799
1977	37,422	35,528	30,600	0	8,836	27,347	24,495
1978	46,233	34,228	29,965	0	8,889	31,399	21,800
1979	43,639	39,283	34,278	0	9,717	29,668	17,000
1980	46,034	29,061	30,390	0	10,275	23,143	23,053
1981	47,959	40,195	36,133	0	11,992	35,952	23,093
1982	44,799	37,077	36,730	0	11,353	31,873	18,466
1983	43,738	30,598	31,853	0	10,877	32,143	17,010
1984	45,394	35,410	30,801	0	11,930	29,114	18,302
1985	44,961	41,899	35,425	0	11,800	31,552	15,765
1986	44,907	42,521	31,501	0	12,293	31,250	18,751
1987	56,296	43,558	34,054	0	13,103	30,673	19,046
1988	52,706	40,033	32,748	0	12,969	33,473	15,181
1989	48,648	34,792	30,861	0	14,580	23,397	14,640
1990	44,484	39,592	32,888	0	13,935	28,116	17,083
1991	54,843	37,196	31,195	0	13,935	33,320	14,807
1992	56,461	45,579	38,910	0	12,970	36,217	17,940
1993	59,755	37,605	29,408	0	13,430	39,529	20,116
1994	53,324	45,637	29,566	0	12,930	35,098	19,099
1995	57,017	34,880	30,385	0	13,567	34,591	17,466
1996	59,166	42,262	31,169	0	14,823	38,763	17,764
1997	62,015	43,424	30,423	0	14,513	36,858	19,757
1998	55,005	42,262	33,152	0	13,865	48,107	17,936
1999	60,228	43,723	31,583	0	13,865	43,837	15,887
2000	58,595	38,953	29,509	0	13,865	44,103	16,937

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 47.1

Mundo : Superficie cultivada de soya

(Hectáreas)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	180	10,928,000	85,792	9,943	290,900	290,073	980	240,919
1962	216	11,172,000	89,434	27,326	268,200	287,287	9,649	313,640
1963	140	11,580,000	92,267	27,426	235,000	282,893	19,302	339,796
1964	150	12,461,000	93,481	30,629	217,100	281,167	12,220	359,622
1965	130	13,941,000	107,240	27,446	184,400	310,676	16,422	431,834
1966	110	14,789,000	112,906	54,243	169,100	275,913	15,689	490,687
1967	110	16,108,287	117,357	69,881	141,600	310,504	17,290	612,115
1968	97	16,750,110	119,381	132,982	122,600	313,501	20,200	721,913
1969	89	16,728,257	130,307	163,186	102,800	305,179	28,200	906,073
1970	2,106	17,097,328	135,568	111,754	95,600	295,462	25,970	1,318,809
1971	1,842	17,281,856	148,517	128,918	100,500	275,124	36,330	1,716,420
1972	2,272	18,486,992	163,895	221,639	89,100	281,714	68,000	2,191,455
1973	8,043	22,527,328	190,200	311,895	88,400	311,600	157,030	3,615,058
1974	29,318	20,776,672	167,942	300,118	92,800	286,188	334,440	5,143,367
1975	9,393	21,697,728	157,825	344,450	86,900	273,857	355,940	5,824,492
1976	5,920	19,991,600	152,969	172,379	82,900	247,479	433,500	6,416,368
1977	5,824	23,402,640	222,600	314,276	79,300	250,621	660,000	7,070,263
1978	12,141	25,763,776	285,299	216,514	127,000	246,932	1,150,000	7,782,187
1979	23,005	28,466,400	279,200	379,467	130,300	207,335	1,600,000	8,256,096
1980	15,757	27,442,608	277,200	154,037	142,200	188,431	2,030,000	8,774,023
1981	13,665	26,774,800	279,200	361,778	148,800	201,722	1,880,000	8,501,169
1982	15,345	28,101,808	364,000	375,297	147,100	183,099	1,985,600	8,203,277
1983	37,067	25,302,608	364,000	391,133	143,400	182,074	2,280,700	8,137,112
1984	60,849	26,755,008	405,000	388,696	134,300	190,103	2,910,000	9,421,202
1985	123,634	24,922,000	405,000	476,084	133,500	155,964	3,269,000	10,153,405
1986	280,849	23,590,000	384,400	380,553	138,400	133,489	3,316,000	9,181,587
1987	564,651	23,136,000	461,000	470,695	162,700	153,794	3,532,650	9,129,795
1988	539,396	23,218,000	533,000	139,186	162,400	145,418	4,373,200	10,518,370
1989	636,777	24,033,008	539,500	490,125	151,600	157,367	3,931,250	12,200,560
1990	674,243	22,869,008	483,600	285,615	145,900	152,265	4,918,600	11,481,090
1991	471,198	23,476,000	598,000	341,679	140,800	119,066	4,782,500	9,618,313
1992	453,106	23,566,000	622,900	322,793	109,900	104,647	4,940,900	9,435,691
1993	300,521	23,191,000	748,000	237,765	87,400	116,825	5,116,240	10,627,470
1994	362,285	24,608,000	820,100	288,499	60,900	121,729	5,744,200	11,514,425
1995	315,876	24,906,000	824,000	134,396	68,600	105,305	5,934,200	11,657,575
1996	330,083	25,636,000	862,000	49,064	81,800	97,989	5,913,400	10,736,012
1997	421,065	27,967,000	1,059,600	122,548	83,200	99,862	6,393,800	11,486,480
1998	491,014	28,506,800	977,300	94,065	109,000	97,682	6,954,000	13,259,518
1999	380,355	29,330,000	999,000	81,157	108,200	98,000	8,165,000	13,008,000
2000	363,096	29,734,000	1,086,100	70,345	108,200	98,000	8,390,000	13,507,900

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 47.2

Mundo : Rendimiento de soya

(Hectogramos por hectárea)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	19,167	16,900	21,033	19,850	13,472	5,683	9,765	11,269
1962	17,824	16,302	20,106	20,757	12,629	5,421	11,628	11,005
1963	18,214	16,432	14,754	20,513	13,540	5,528	9,802	9,503
1964	18,333	15,309	20,310	19,657	11,059	5,792	11,457	8,478
1965	18,077	16,508	20,379	21,087	12,473	5,615	10,352	12,115
1966	19,455	17,087	21,723	17,486	11,798	5,846	11,600	12,125
1967	20,455	16,498	18,764	18,749	13,460	6,488	11,857	11,691
1968	19,588	17,986	20,579	20,692	13,679	7,823	10,891	9,066
1969	20,337	18,435	16,007	17,570	13,220	7,505	11,277	11,661
1970	15,157	17,941	20,848	19,203	13,190	7,852	10,320	11,439
1971	12,595	18,522	18,831	19,848	12,179	8,324	16,240	12,102
1972	13,121	18,706	22,866	17,001	14,198	7,949	11,471	14,705
1973	17,435	18,696	20,848	18,772	13,371	7,889	17,322	13,863
1974	15,287	15,933	16,676	16,363	14,310	11,132	14,831	15,314
1975	18,456	19,421	23,242	17,381	14,453	11,340	13,626	16,985
1976	15,517	17,543	16,368	17,548	13,209	11,918	16,032	17,498
1977	19,155	20,552	26,056	16,427	13,972	12,718	21,212	17,699
1978	18,036	19,741	18,072	15,424	14,953	11,859	21,739	12,260
1979	15,385	21,614	23,532	18,635	14,712	12,399	23,125	12,403
1980	20,378	17,827	24,892	20,917	12,229	11,480	17,241	17,273
1981	19,124	20,331	21,734	19,534	14,227	12,733	20,053	17,653
1982	22,841	21,213	23,297	17,306	15,384	12,745	20,900	15,647
1983	24,175	17,594	20,192	17,580	15,146	12,433	17,538	17,921
1984	26,304	18,930	22,642	17,621	17,722	13,336	24,055	16,496
1985	28,167	22,923	24,988	19,505	17,101	14,995	19,884	18,002
1986	32,238	22,411	24,969	18,625	17,717	14,873	21,411	14,522
1987	31,993	22,794	27,542	17,599	17,652	13,231	18,966	18,595
1988	30,901	18,155	21,625	16,265	17,050	16,465	22,638	17,124
1989	31,326	21,783	22,589	20,248	17,922	15,985	16,534	19,714
1990	30,866	22,920	26,096	20,145	15,106	15,288	21,754	17,322
1991	34,489	23,030	24,415	21,218	14,013	15,384	22,736	15,531
1992	28,037	25,296	23,363	18,388	17,116	16,811	22,901	20,332
1993	28,582	21,942	26,003	20,927	11,510	14,565	21,589	21,226
1994	29,798	27,814	27,484	18,114	16,223	12,682	20,395	21,636
1995	32,803	23,759	27,888	14,121	17,347	15,160	20,446	22,004
1996	33,235	25,270	25,174	11,429	18,093	16,337	21,050	21,947
1997	34,728	26,165	25,840	15,057	17,380	15,671	17,204	22,976
1998	32,229	26,168	27,939	15,978	14,495	14,377	26,937	23,662
1999	32,526	24,524	27,687	16,366	17,301	14,796	23,882	23,755
2000	35,228	26,540	24,860	16,274	17,301	14,796	23,170	23,502

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 48.1

Mundo: Superficie cultivada de trigo

(Héctáreas)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	17,929,350	20,870,000	10,245,000	836,538	648,700	75,915	4,420,900	1,022,234
1962	19,442,909	17,680,000	10,853,000	747,728	642,000	81,621	3,744,700	743,459
1963	18,197,795	18,415,008	11,156,000	819,210	583,700	83,941	5,676,000	793,494
1964	19,055,034	20,138,000	12,018,000	818,325	508,200	89,543	6,135,400	733,597
1965	19,290,692	20,056,000	11,453,000	858,259	475,900	92,930	4,601,200	766,640
1966	18,143,806	20,077,392	12,015,961	730,793	421,200	93,758	5,213,600	716,981
1967	18,081,848	23,614,288	12,189,285	778,374	366,600	92,955	5,811,600	830,869
1968	18,415,021	22,162,304	11,907,911	790,646	322,400	96,505	5,837,200	970,128
1969	17,862,980	19,079,040	10,101,420	841,279	286,500	93,733	5,191,300	1,407,115
1970	17,533,681	17,629,488	5,051,782	886,169	229,200	96,740	3,701,000	1,895,249
1971	17,537,664	19,297,168	7,853,503	614,180	166,300	86,649	4,294,640	2,268,926
1972	17,471,994	19,142,576	8,639,797	686,665	113,700	62,735	4,965,100	2,319,955
1973	16,712,007	21,912,608	9,575,012	640,456	74,900	43,218	3,957,900	1,839,391
1974	17,316,642	26,453,120	8,938,000	774,149	82,800	36,477	4,233,000	2,471,150
1975	16,001,168	28,124,848	9,478,739	778,237	89,600	43,710	5,270,600	2,931,508
1976	17,107,094	28,702,736	11,251,700	894,140	89,100	36,721	6,428,000	3,539,891
1977	15,515,828	26,986,496	10,115,400	708,863	86,000	26,515	3,910,000	3,153,333
1978	16,482,908	22,862,960	10,575,100	759,526	112,000	17,091	4,685,000	2,811,189
1979	16,190,667	25,274,512	10,523,100	584,226	149,000	13,090	4,787,000	3,830,544
1980	17,091,013	28,783,600	11,208,400	723,804	191,100	27,868	5,023,000	3,122,107
1981	16,950,716	32,635,008	12,426,600	859,760	224,400	19,692	5,926,000	1,920,142
1982	17,342,592	31,540,304	12,521,000	1,008,056	227,800	19,656	7,320,000	2,827,929
1983	17,644,975	24,843,296	13,680,500	857,043	229,400	26,446	7,073,000	1,879,078
1984	17,698,152	27,085,008	13,160,900	1,033,854	231,900	6,411	5,901,000	1,741,673
1985	16,804,894	26,184,000	13,729,000	1,217,082	234,000	3,070	5,381,000	2,676,725
1986	17,271,977	24,559,008	14,229,400	1,202,232	245,500	1,547	4,893,400	3,897,719
1987	17,410,972	22,646,000	13,457,700	988,097	271,100	1,235	4,789,100	3,454,844
1988	16,853,119	21,525,008	12,944,300	912,762	282,000	753	4,651,315	3,476,288
1989	17,723,372	25,167,008	13,717,500	1,144,176	283,800	364	5,285,470	3,282,319
1990	17,352,152	27,965,000	14,097,500	932,763	260,400	294	5,797,000	2,680,882
1991	17,378,696	23,392,000	14,160,900	983,892	238,700	178	4,546,650	1,994,798
1992	17,342,932	25,398,800	13,830,300	915,882	214,500	164	4,254,700	1,957,748
1993	15,817,739	25,378,900	12,374,000	877,598	183,600	547	4,777,000	1,461,930
1994	15,872,030	24,997,000	10,773,000	964,572	151,900	582	5,221,000	1,348,030
1995	16,617,531	24,667,000	11,122,700	929,331	151,300	2,312	4,877,650	993,929
1996	16,950,354	25,422,000	12,262,000	809,240	158,500	2,787	7,100,000	1,820,084
1997	17,320,258	25,430,000	11,409,900	772,303	157,500	1,838	5,702,000	1,521,540
1998	17,192,437	23,878,000	10,680,000	768,844	162,200	1,372	5,337,000	1,422,791
1999	17,124,684	21,816,000	10,366,700	638,888	168,800	1,000	5,782,000	1,252,970
2000	18,101,405	22,033,000	10,000,000	749,346	170,000	1,000	6,100,000	1,068,920

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

CUADRO 48.2

Mundo: Rendimiento de trigo

(Hectogramo por hectárea)

Año	Unión Europea (15)	TLC			Asia		Mercosur	
		Estados Unidos de América	Canadá	México	Japón	República de Corea	Argentina	Brasil
1961	19,603	16,070	7,529	16,758	27,455	22,657	12,950	5,330
1962	23,261	16,809	14,183	19,462	25,405	20,093	15,222	9,491
1963	21,080	16,949	17,651	20,788	12,258	16,559	15,751	4,945
1964	23,123	17,344	13,604	26,922	24,479	21,219	18,353	8,765
1965	24,297	17,853	15,432	25,055	27,043	19,800	13,212	7,636
1966	22,654	17,688	18,739	22,542	24,311	20,585	11,982	8,573
1967	27,055	17,375	13,239	27,267	27,193	20,548	12,595	7,574
1968	26,837	19,116	14,855	26,317	31,390	21,900	9,833	8,825
1969	26,225	20,580	18,084	27,649	26,454	23,900	13,523	9,762
1970	25,897	20,865	17,864	30,202	20,663	22,600	13,294	9,731
1971	30,178	22,829	18,351	29,810	26,476	22,674	12,667	8,865
1972	30,513	21,983	16,799	26,345	24,969	23,750	15,911	4,237
1973	31,775	21,248	16,876	32,646	27,009	23,080	16,574	11,044
1974	34,078	18,333	14,884	36,022	27,983	20,341	14,103	11,568
1975	31,717	20,582	18,020	35,956	26,864	22,176	16,260	6,100
1976	30,975	20,375	20,963	37,615	24,961	22,227	17,113	9,084
1977	32,465	20,629	19,632	34,644	27,488	16,844	13,555	6,552
1978	37,150	21,136	19,987	36,663	32,741	20,891	17,289	9,572
1979	36,048	22,980	16,341	39,138	36,329	32,070	16,921	7,641
1980	39,534	22,513	17,212	38,476	30,497	32,997	15,489	8,653
1981	38,035	23,229	19,959	37,141	26,176	29,011	14,006	11,508
1982	40,763	23,859	21,336	43,563	32,564	33,482	20,492	6,460
1983	40,348	26,509	19,345	40,410	30,309	42,213	18,380	11,903
1984	50,983	26,073	16,099	43,577	31,932	26,887	23,047	11,387
1985	46,731	25,197	17,665	42,843	37,359	34,257	16,168	16,140
1986	46,267	23,167	22,052	39,671	35,670	29,379	17,779	14,466
1987	45,492	25,330	19,279	44,686	31,859	30,235	18,793	17,654
1988	48,411	22,913	12,293	40,154	36,206	32,842	18,360	16,528
1989	48,779	22,024	18,076	38,235	34,690	30,797	18,920	16,925
1990	51,279	26,567	22,769	42,143	36,540	30,238	18,961	11,539
1991	54,087	23,038	22,559	41,272	31,797	30,955	21,739	14,645
1992	50,623	26,433	21,604	39,530	35,371	33,659	23,208	14,282
1993	53,137	25,699	22,003	40,821	34,739	27,112	20,220	14,725
1994	53,937	25,270	21,275	43,034	37,182	37,045	21,655	15,522
1995	52,783	27,209	22,467	37,320	29,319	44,386	19,364	15,435
1996	58,833	24,388	24,304	41,706	30,164	39,193	22,414	18,458
1997	54,684	26,552	21,280	47,347	36,387	40,441	26,307	16,359
1998	60,423	29,034	22,549	42,077	35,111	34,847	22,859	15,685
1999	57,047	28,723	25,909	48,089	34,544	50,000	24,559	19,459
2000	57,531	28,117	26,200	45,990	35,294	50,000	24,590	18,575

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

BALANZA AGROALIMENTARIA

CUADRO 49.1

México: Balanza agroalimentaria 1980-1998

(Millones de dólares corrientes)

Productos	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Importación Total	3,195.0	3,500.0	1,790.0	2,228.0	2,380.0	2,115.0	1,429.0	1,569.0	3,006.0	4,017.0	4,750.0	4,765.5	6,194.4	5,989.2	7,360.5	5,259.7	7,786.4	7,758.2	8,703.9
Agricultura y Silvicultura	1,884.0	2,205.0	927.0	1,621.0	1,696.0	1,296.0	784.0	971.0	1,397.0	1,747.0	1,830.0	1,687.4	2,402.1	2,324.4	2,993.4	2,478.8	4,345.8	3,658.9	4,280.6
Caucho natural	73.7	68.4	46.6	46.3	56.3	53.0	44.6	58.7	69.0	72.1	59.4	70.3	61.4	58.6	73.4	95.9	111.5	106.6	89.3
Otras semillas y frutas oleaginosas	126.0	148.8	202.8	138.9	239.9	212.7	147.3	114.1	127.4	140.0	157.9	234.7	222.0	251.9	289.6	298.2	440.8	393.7	467.2
Maíz	595.0	453.0	38.0	634.0	375.0	255.0	166.0	284.0	394.0	441.0	435.0	179.0	183.0	67.0	369.0	373.0	1,062.0	359.3	624.1
Trigo	163.0	214.0	87.0	59.0	41.0	31.0	20.0	37.0	137.0	70.0	46.0	67.0	164.0	233.0	189.0	217.0	427.0	305.8	339.5
Frijol	241.0	338.0	98.0	1.0	33.0	56.0	83.0	18.0	16.0	84.0	253.0	18.0	2.0	5.0	38.0	15.0	86.0	54.4	129.4
Frutas frescas o secas	nd	nd	11.0	1.0	2.0	6.0	5.0	6.0	10.0	37.0	45.0	78.0	111.0	184.0	328.0	133.0	145.0	176.6	220.3
Hortalizas frescas	nd	nd	25.0	37.0	56.0	19.0	7.0	7.0	9.0	17.0	26.0	39.0	50.0	42.0	39.0	20.0	40.0	36.8	46.6
Soya	132.5	355.0	155.8	217.8	403.4	275.2	167.2	219.9	376.3	326.5	217.5	348.6	512.1	523.1	640.5	542.4	897.6	1,031.9	861.5
Sorgo	312.7	431.9	194.7	433.9	363.3	264.4	78.1	61.7	138.3	321.9	351.3	361.9	542.1	380.3	394.8	254.4	331.3	265.1	348.9
Otros	240.1	195.9	68.0	52.1	126.2	123.8	65.8	164.7	120.0	237.5	238.9	266.5	554.4	579.1	631.7	530.1	804.9	929.5	1,153.8
Ganaderia, Apicultura y Pesca	141.0	217.0	172.0	80.0	184.0	311.0	154.0	138.0	376.0	256.0	241.0	443.1	456.3	308.8	378.1	164.9	324.6	512.2	492.2
Ganado vacuno	nd	nd	40.0	36.3	37.0	128.0	66.0	33.0	182.0	87.0	71.0	183.0	200.0	95.0	141.0	23.0	92.0	194.3	148.1
Alimentos y Bebidas	1,170.0	1,078.0	691.0	527.0	500.0	508.0	491.0	460.0	1,233.0	2,014.0	2,679.0	2,635.0	3,336.0	3,356.0	3,989.0	2,616.0	3,116.0	3,587.1	3,931.1
Leche en polvo	135.0	110.0	81.0	107.0	85.0	102.0	117.0	135.0	240.0	470.0	555.0	108.0	371.0	407.0	265.0	267.0	368.0	336.0	251.4
Leche evaporada o condensada	51.7	116.1	64.1	3.6	3.7	6.1	4.9	2.0	1.1	1.0	2.0	1.0	2.4	1.9	3.9	1.0	1.5	1.9	2.9
Azúcar	546.0	360.0	141.0	187.0	73.0	82.0	6.0	194.0	1.0	177.0	443.0	262.0	37.0	22.0	28.0	17.0	95.0	22.5	11.6
Carnes frescas o refrigeradas	nd	nd	47.0	16.0	45.0	96.0	51.0	45.0	273.0	297.0	302.0	609.0	694.0	570.0	773.0	393.0	520.0	774.4	934.4
Exportación Total	2,300.0	2,161.0	1,937.0	1,906.0	2,277.0	2,151.0	3,024.0	2,833.0	3,001.0	2,974.0	3,206.0	3,793.5	3,477.4	4,094.1	4,574.5	6,544.9	6,522.5	7,150.6	7,304.5
Agricultura y Silvicultura	1,404.0	1,378.0	1,097.0	967.0	1,306.0	1,184.0	1,778.0	1,295.0	1,399.0	1,461.0	1,721.0	1,876.8	1,679.3	1,961.0	2,220.9	3,323.4	3,196.9	3,408.1	3,435.7
Algodón	316.7	308.9	183.8	115.7	208.2	90.2	74.1	71.6	112.6	112.2	91.8	76.9	31.2	9.2	42.3	170.0	150.2	110.8	54.7
Café en grano	422.4	334.0	345.1	358.7	424.4	491.6	824.5	492.4	434.9	513.5	332.9	368.0	258.1	252.7	359.7	706.1	677.3	827.3	635.7
Melón y Sandía	79.1	63.4	43.0	24.2	47.1	47.8	64.0	88.4	72.8	125.4	90.4	142.2	89.2	64.8	89.2	114.4	128.3	140.4	151.5
Frutas frescas o secas	79.0	63.0	72.0	47.0	82.0	90.0	117.0	158.0	167.0	213.0	245.0	446.0	420.0	410.0	471.0	560.0	472.0	423.0	513.8
Legumbres y hortalizas frescas	169.0	198.0	178.0	149.0	179.0	162.0	198.0	238.0	269.0	197.0	430.0	489.0	551.0	653.0	689.0	929.0	742.0	925.0	1,120.5
Jitomate	166.0	250.0	154.0	112.0	221.0	214.0	408.0	200.0	243.0	199.0	428.0	262.0	167.0	395.0	395.0	585.0	539.0	523.0	638.2
Otros	171.8	160.7	121.1	160.4	144.3	88.3	92.4	46.6	99.7	100.9	102.8	92.9	162.5	176.3	174.8	258.5	488.3	458.5	470.7
Ganadería, Apicultura y Pesca	124.0	104.0	133.0	214.0	149.0	216.0	309.0	225.0	239.0	245.0	390.0	495.7	433.1	543.1	457.6	692.5	395.6	418.5	360.9
Ganado vacuno	79.0	65.0	108.0	168.0	112.0	187.0	265.0	192.0	203.0	212.0	349.0	358.0	329.0	448.0	362.0	536.0	128.0	198.0	209.8
Alimentos y Bebidas	772.0	679.0	707.0	725.0	822.0	751.0	937.0	1,313.0	1,363.0	1,268.0	1,095.0	1,421.0	1,365.0	1,590.0	1,896.0	2,529.0	2,930.0	3,324.0	3,507.9
Camarón congelado	381.4	347.6	368.6	380.5	401.8	322.8	383.8	434.8	370.8	338.2	202.6	241.5	208.6	295.4	334.2	462.1	395.9	478.5	491.4
Fresas congeladas	21.9	30.2	22.3	19.3	22.4	13.3	17.1	32.3	20.3	19.3	36.3	32.2	24.3	26.6	33.1	49.3	29.9	31.1	32.4
Legumbres y frutas preparadas	63.3	59.6	70.7	61.8	77.5	76.5	82.5	100.5	113.6	155.6	159.5	248.6	258.5	266.2	290.6	306.3	327.3	365.9	394.7
Mieles incristalizables	39.4	6.8	10.2	9.9	12.2	11.3	22.7	26.8	18.7	9.2	5.7	4.8	1.3	5.5	10.9	28.6	28.2	8.1	67.8
Tequila	37.4	44.5	38.9	42.7	43.4	40.0	45.4	51.1	59.3	75.1	89.3	102.6	117.6	139.4	156.5	702.3	872.8	998.6	1,117.8
Otros	228.6	190.3	196.3	210.7	264.7	287.0	385.5	667.6	780.4	670.7	601.6	791.3	754.7	856.9	1,070.7	980.4	1,276.0	1,441.8	1,485.8
Balanza Agroalimentaria	-895.0	-1,339.0	147.0	-322.0	-103.0	36.0	1,595.0	1,264.0	-5.0	-1,043.0	-1,544.0	-972.0	-2,717.0	-1,895.1	-2,786.0	1,285.2	-1,263.9	-607.6	-1,399.4

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

CUADRO 49.2

México: Balanza agroalimentaria 1991-2000

(Millones de dólares corrientes)

PRODUCTOS	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Importación Total	**4,764.1**	**6,193.6**	**5,988.0**	**7,360.6**	**5,259.3**	**7,786.4**	**7,758.5**	**8,704.6**	**8,647.7**	**7,875.5**
Agricultura y Silvicultura	1,686.6	2,401.6	2,324.1	2,993.9	2,478.9	4,347.3	3,658.3	4,280.6	4,027.1	3,512.2
Caucho Natural	70.3	61.4	58.7	73.4	96.0	111.1	106.2	89.2	72.2	67.0
Cebada en Grano	10.3	17.4	13.5	6.7	13.3	68.9	32.1	40.7	39.2	26.0
Especias Diversas	31.8	41.2	30.7	26.6	22.5	28.7	32.2	40.3	39.0	30.2
Frijol	18.5	2.2	5.5	38.5	15.0	86.6	53.7	129.4	71.5	27.2
Frutas Frescas o Secas	78.4	121.5	184.2	288.7	133.1	145.7	177.4	220.3	306.5	328.8
Hortalizas Frescas	39.3	51.5	42.3	38.9	20.1	39.5	36.4	46.6	43.2	37.0
Madera Ordinaria	24.6	29.5	19.1	24.5	10.4	9.0	18.5	25.3	17.6	23.4
Maíz	178.5	184.5	68.6	369.1	373.1	1,061.5	359.5	624.1	600.4	462.4
Otros Forrajes y Pasturas	3.7	3.3	6.7	5.1	2.1	9.3	13.5	15.1	16.1	12.8
Otras Semillas y Frutos Oleaginosos	234.6	221.9	251.8	289.5	298.1	441.1	394.2	467.2	438.1	326.8
Semilla de Algodón	84.3	173.5	240.8	254.5	239.2	347.3	470.7	649.0	410.6	499.2
Semilla de Soya	348.5	512.2	523.1	640.7	542.3	897.2	1,032.2	861.4	783.7	670.7
Sorgo	361.9	542.1	380.4	394.9	254.4	330.4	263.6	349.0	426.9	388.2
Trigo	67.0	163.6	232.7	189.2	217.0	426.7	306.7	339.5	336.8	258.9
Otros	134.9	275.8	266.0	353.6	242.3	344.3	361.4	383.5	425.3	353.6
Ganadería, Apilcultura y Pesca	443.1	456.3	308.3	377.8	164.6	325.6	515.5	492.5	453.2	401.1
Ganado Vacuno	182.8	198.9	95.2	141.4	22.7	91.4	194.1	148.1	130.2	138.1
Lana sin Cardar Ni Peinar	20.6	17.7	17.1	18.2	18.7	9.6	14.7	12.5	5.1	9.1
Pieles y Cueros sin Curtir	141.0	139.1	112.1	109.2	66.2	148.8	195.0	189.7	180.5	134.0
Otros	90.0	87.3	68.2	82.9	40.2	58.9	84.9	104.8	92.1	79.8
Caza y Pesca	8.7	13.3	15.7	26.1	16.8	16.9	26.8	37.4	45.3	40.1
Alimentos, Bebidas y Tabaco	2,634.4	3,335.7	3,355.6	3,988.9	2,615.8	3,113.5	3,584.7	3,931.5	4,167.4	3,962.2
Aceite de Soya	18.2	33.6	40.5	41.7	38.8	45.8	52.9	68.1	49.3	35.7
Aceites Fijos de Coco	13.2	19.5	5.9	4.4	20.2	13.5	6.1	16.1	6.5	8.1
Alimento Preparado para Animales	132.0	183.0	144.3	215.0	147.3	158.2	136.6	184.1	211.5	182.1
Azúcar	263.8	39.6	21.8	28.1	16.7	94.2	23.7	11.6	13.3	9.1
Carnes Frescas o Refrigeradas	630.0	707.2	569.5	772.9	392.5	519.1	775.1	934.4	1,041.8	1,168.7
Conservas Animales Alimenticias	11.5	16.9	31.0	48.2	21.6	20.9	27.0	28.4	27.3	30.1
Conservas Vegetales Alimenticias	59.7	104.5	120.0	168.8	73.1	70.3	91.9	117.5	128.4	108.2
Frutas Conservadas y Deshidratadas	17.7	31.4	29.0	41.9	17.5	25.3	32.5	28.1	41.6	62.1
Harinas de Animales Marinos	9.5	17.8	32.4	25.8	7.4	6.1	13.4	12.1	11.5	11.4
Harinas de Soya y Otras Semillas y Frutos Oleaginosos	2.9	3.2	6.4	5.8	1.3	2.5	1.1	1.8	5.0	6.8
Leche en Polvo	108.3	371.3	406.8	264.8	266.5	368.8	335.4	251.4	224.6	207.7
Leche Evaporada o Condensada	0.8	2.3	1.8	3.9	0.5	0.9	1.1	2.8	5.1	7.7
Licores y Aguardientes	61.2	100.1	105.0	108.0	53.6	47.9	61.4	67.0	46.3	31.3
Manteca de Cerdo	10.3	12.2	13.1	18.4	21.7	20.3	18.9	16.9	13.9	8.7
Mantequilla Natural	58.1	70.8	69.1	63.0	45.2	46.4	48.3	52.2	65.0	39.6
Mayonesa y Salsa	20.3	27.6	34.2	44.0	32.2	35.0	34.1	40.1	42.9	47.6
Otros Aceites y Grasas Animales y Vegetales	295.2	269.8	276.7	370.2	394.4	375.6	385.8	388.1	372.5	267.1
Pieles Comestibles de Cerdo	80.0	84.0	85.6	85.9	55.9	76.8	86.7	81.4	74.6	84.2
Pescados y Mariscos en Conserva	17.2	19.4	25.7	34.1	14.0	11.7	21.5	21.5	20.2	15.6
Preparados Alimenticios Especiales	138.3	219.1	260.7	301.7	168.1	219.9	279.7	336.3	434.4	419.2
Sebos de Especies Bovina, Ovina y Caprina	69.3	69.0	83.0	99.4	118.3	112.9	117.1	153.0	113.2	73.4
Vinos Espumosos, Tintos y Blancos	39.3	58.9	49.6	46.2	25.4	50.5	52.6	49.1	57.1	41.8
Otros	577.6	874.5	943.5	1,196.7	683.6	790.9	981.8	1,069.5	1,161.4	1,096.0
Exportación Total	**3,792.5**	**3,477.0**	**4,092.5**	**4,571.8**	**6,544.8**	**6,517.2**	**7,149.3**	**7,303.9**	**7,717.5**	**6,984.8**
Agricultura y Silvicultura	1,876.8	1,679.4	1,960.9	2,220.8	3,323.8	3,196.2	3,404.9	3,436.0	3,474.1	3,127.2
Algodón	76.8	31.3	9.2	42.1	169.9	149.3	110.9	54.6	54.7	24.3
Almendra de Ajonjolí	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arroz	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.0	0.7	0.0
Borra de Algodón	2.6	1.1	0.5	0.1	6.3	5.1	8.3	8.5	1.3	0.2
Cacao	0.0	21.1	17.8	6.0	14.1	11.1	18.5	12.6	6.4	0.3
Café Crudo en Grano	368.1	258.1	252.7	359.7	706.2	678.5	826.8	617.3	581.5	572.7
Cera Vegetal	2.0	1.9	3.2	3.0	3.8	1.7	1.3	3.5	5.7	3.4
Colofonia	1.0	0.5	0.4	1.3	1.0	1.0	2.3	0.9	0.5	0.2
Chicle	2.9	3.8	1.8	2.4	1.6	0.7	0.0	0.0	0.0	0.0
Especias Diversas	15.7	20.0	20.0	18.5	20.9	131.1	29.2	36.5	46.4	40.5
Fresas Frescas	20.7	12.2	21.9	31.5	43.9	54.1	26.9	68.5	63.8	48.3
Frijol	0.4	6.7	2.6	20.7	17.7	3.5	4.7	2.4	2.5	2.2
Garbanzo	32.0	35.5	26.8	44.5	72.9	103.9	62.6	67.2	90.0	96.4
Ixtle de Lechuguilla	19.6	19.8	23.7	18.8	14.7	13.7	14.6	13.7	12.3	12.4
Jitomate	261.8	166.8	395.0	394.4	585.7	539.6	523.9	589.3	534.9	388.0
Legumbres y Hortalizas Frescas	489.3	550.9	653.4	689.4	929.0	741.6	925.1	1,095.7	1,179.8	1,158.3
Maíz	2.8	2.7	6.0	4.4	13.1	17.4	20.7	35.3	8.1	3.7
Melón y Sandía	142.3	89.4	64.8	89.1	114.4	129.4	139.4	135.6	170.1	126.0
Otras Frutas Frescas	283.6	319.4	322.8	350.2	401.7	418.1	425.1	481.0	489.3	416.9
Raíces y Tallos de Brezo, Mijo o Sorgo	0.0	0.1	0.4	3.5	3.5	2.4	2.5	4.6	3.6	3.2
Semilla de Ajonjolí	44.5	33.7	21.1	21.1	13.5	19.6	23.3	23.8	20.8	16.0
Simiente de Trigo Certificada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tabaco en Rama	44.4	14.1	39.8	25.2	25.4	44.2	41.2	41.7	35.7	27.7
Trigo	0.0	0.0	0.0	14.7	72.0	21.8	76.2	27.2	45.5	74.0
Otros	66.3	90.3	77.0	80.2	92.5	108.0	121.4	115.1	120.5	112.5
Ganadería, Apilcultura y Pesca	494.9	432.8	542.8	457.1	692.6	394.7	421.5	360.9	452.4	438.5
Ganado Vacuno	358.1	329.2	448.1	361.8	536.1	127.2	199.3	202.0	289.8	279.3
Miel de Abeja	50.4	38.1	33.6	27.8	30.7	48.8	40.5	41.4	25.2	30.8
Otros	5.1	6.0	6.2	5.6	12.0	11.1	8.3	10.4	12.4	10.4
Camarón Fresco Refrigerado	1.1	0.0	0.2	0.1	0.3	24.9	13.2	2.6	2.3	1.0
Langosta Fresca Refrigerada	0.2	1.0	1.3	6.2	11.6	20.4	17.4	11.9	15.9	14.9
Pescados y Mariscos Frescos	55.2	38.8	34.8	34.7	50.4	106.7	98.0	55.7	60.1	62.9
Otros	24.8	19.7	18.6	20.9	51.5	55.6	44.8	36.9	46.7	39.2
Alimentos, Bebidas y Tabaco	1,420.8	1,364.8	1,588.8	1,893.9	2,528.4	2,926.3	3,322.9	3,507.0	3,791.0	3,419.1
Abulón en Conserva	37.8	41.6	35.5	36.9	43.4	60.6	53.6	23.1	21.5	23.8
Ates y Mermeladas de Frutas	3.4	3.7	1.9	2.0	2.5	3.1	4.3	7.2	8.4	8.4
Atún Congelado	20.7	4.6	4.9	0.0	35.1	31.1	28.5	25.1	12.5	1.3
Azúcar	50.1	3.1	0.0	0.1	83.8	220.4	136.1	59.2	17.3	7.5
Camarón Congelado	241.5	208.7	295.4	334.1	462.2	396.7	478.6	411.4	425.3	330.4
Cerveza	169.5	189.7	196.4	232.4	309.5	374.1	486.7	615.6	721.1	770.4
Café Tostado	40.6	24.4	32.3	54.8	65.0	70.8	95.1	76.1	54.7	38.2
Carnes de Ganado, Excepto Equino	9.4	16.1	18.0	21.9	34.2	79.6	123.7	117.0	123.1	129.4
Carnes de Ganado Equino	6.1	6.1	6.5	6.4	9.3	10.3	9.4	7.9	5.9	3.9
Conservas de Pescados y Mariscos	10.3	10.6	9.1	8.7	12.8	32.8	33.1	23.6	20.6	14.6
Extractos Alcohólicos Concentrados	7.4	4.9	6.9	9.4	9.0	2.4	9.4	6.4	9.8	8.3
Extractos de Café	5.0	11.6	13.7	19.1	43.6	30.3	78.8	98.4	100.9	83.7
Fresas Congeladas, con o sin Azúcar	32.2	24.3	26.6	32.9	49.2	29.3	29.9	28.4	47.9	33.7
Jugo de Naranja	45.5	9.8	25.1	51.4	90.7	66.7	50.5	98.3	62.4	45.2
Jugo de Piña	12.6	1.9	0.3	0.6	1.3	2.0	1.3	7.4	2.8	1.4
Langosta Congelada	14.7	11.1	10.5	15.6	16.7	11.7	7.6	5.2	6.4	4.3
Legumbres y Frutas Preparadas y/o en Conservas	248.5	258.4	266.2	290.6	306.2	327.9	366.1	395.1	441.7	346.6
Manteca de Cacao	6.5	5.1	6.7	5.4	12.7	8.3	6.9	4.5	8.3	3.6
Mieles Incristalizables de Caña de Azúcar	4.9	1.3	5.5	10.8	28.7	28.3	8.1	7.8	2.1	1.8
Otros Jugos de Frutas	17.9	24.1	25.0	30.4	31.9	50.0	55.7	67.8	68.0	57.7
Pasta, Puré o Jugo de Tomate	2.0	0.7	0.9	1.0	0.5	0.9	0.7	3.8	3.8	1.5
Piña en Almíbar o en Su Jugo	2.9	3.1	1.7	0.7	1.2	2.5	1.1	2.6	1.9	0.8
Tequila y Otros Aguardientes	102.5	117.7	139.4	156.6	176.6	213.9	259.2	296.1	306.5	396.0
Otros	328.8	382.2	460.3	572.1	702.3	872.6	998.5	1,119.0	1,318.1	1,106.6
Balanza Agroalimentaria	**-971.6**	**-2,716.6**	**-1,895.5**	**-2,788.8**	**1,285.5**	**-1,269.2**	**-609.2**	**-1,400.7**	**-930.2**	**-890.7**

Nota: Los doatos para el año 2000, corresponden al mes de Octubre.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SECOFI e INEGI.

CUADRO 50.1

México: Balanza agroalimentaria 1980-1998

(Millones de dólares constantes de 1980)

Productos	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Importación Total	3,195.0	3,231.8	1,602.5	1,949.3	2,010.1	1,783.3	1,226.6	1,304.2	2,357.6	3,011.2	3,487.5	3,491.2	4,505.0	4,299.5	5,165.3	3,497.1	5,160.0	5,110.8	5,771.8
Agricultura y Silvicultura	1,884.0	2,036.0	829.9	1,418.2	1,432.4	1,092.7	673.0	807.1	1,095.7	1,309.6	1,343.6	1,236.2	1,747.0	1,668.6	2,100.6	1,648.1	2,879.9	2,410.3	2,838.6
Caucho natural	73.7	63.1	41.7	40.5	47.5	44.7	38.3	48.8	54.1	54.0	43.6	51.5	44.6	42.1	51.5	63.8	73.9	70.2	59.2
Otras semillas y frutas oleaginosas	126.0	137.4	181.6	121.5	202.6	179.4	126.4	94.8	99.9	105.0	116.0	171.9	161.4	180.8	203.2	198.3	292.1	259.4	309.8
Maíz	595.0	418.3	34.0	554.7	316.7	215.0	142.5	236.1	309.0	330.6	319.4	131.1	133.1	48.1	258.9	248.0	703.8	236.7	413.9
Trigo	163.0	197.6	77.9	51.6	34.6	26.1	17.2	30.8	107.5	52.5	33.8	49.1	119.3	167.3	132.6	144.3	283.0	201.4	225.1
Frijol	241.0	312.1	87.7	0.9	27.9	47.2	71.2	15.0	12.5	63.0	185.8	13.2	1.5	3.6	26.7	10.0	57.0	35.8	85.8
Frutas frescas o secas			9.8	0.9	1.7	5.1	4.3	5.0	7.8	27.7	33.0	57.1	80.7	132.1	230.2	88.4	96.1	116.3	146.1
Hortalizas frescas			22.4	32.4	47.3	16.0	6.0	5.8	7.1	12.7	19.1	28.6	36.4	30.2	27.4	13.3	26.5	24.2	30.9
Soya	132.5	327.8	139.5	190.6	340.7	232.0	143.5	182.8	295.1	244.8	159.7	255.4	372.5	375.5	449.5	360.6	594.8	679.8	571.3
Sorgo	312.7	398.8	174.3	379.6	306.8	222.9	67.0	51.3	108.4	241.3	257.9	265.1	394.3	273.0	277.1	169.1	219.5	174.6	231.4
Otros	240.1	180.9	60.8	45.6	106.6	104.4	56.5	136.9	94.1	178.0	175.4	195.3	403.2	415.7	443.3	352.5	533.4	612.3	765.1
Ganaderia, Apicultura y Pesca	141.0	200.4	154.0	70.0	155.4	262.2	132.2	114.7	294.9	191.9	176.9	324.6	331.9	221.7	265.3	109.6	215.1	337.4	326.4
Ganado vacuno			35.8	31.8	31.3	107.9	56.7	27.4	142.7	65.2	52.1	134.1	145.5	68.2	98.9	15.3	61.0	128.0	98.2
Alimentos y Bebidas	1,170.0	995.4	618.6	461.1	422.3	428.3	421.5	382.4	967.1	1,509.7	1,967.0	1,930.4	2,426.2	2,409.2	2,799.3	1,739.4	2,064.9	2,363.0	2,606.8
Leche en polvo	135.0	101.6	72.5	93.6	71.8	86.0	100.4	112.2	188.2	352.3	407.5	79.1	269.8	292.2	186.0	177.5	243.9	221.3	166.7
Leche evaporada o condensada	51.7	107.2	57.4	3.1	3.1	5.2	4.2	1.7	0.9	0.7	1.4	0.7	1.7	1.4	2.7	0.7	1.0	1.3	1.9
Azúcar	546.0	332.4	126.2	163.6	61.7	69.1	5.2	161.3	0.8	132.7	325.3	191.9	26.9	15.8	19.6	11.3	63.0	14.8	7.7
Carnes frescas o refrigeradas			42.1	14.0	38.0	80.9	43.8	37.4	214.1	222.6	221.7	446.2	504.7	409.2	542.5	261.3	344.6	510.1	619.6
Exportación Total	2,300.0	2,046.4	2,041.1	2,148.8	2,527.2	2,518.7	5,099.5	4,228.4	4,547.0	4,147.8	4,174.5	5,365.6	4,904.7	5,950.7	6,461.2	8,749.9	8,582.2	9,496.1	10,317.1
Agricultura y Silvicultura	1,404.0	1,304.9	1,156.0	1,090.2	1,449.5	1,386.4	2,998.3	1,932.8	2,119.7	2,037.7	2,240.9	2,654.6	2,368.5	2,850.3	3,136.9	4,443.0	4,206.4	4,526.0	4,852.7
Algodón	316.7	292.5	193.7	130.4	231.0	105.6	125.0	106.9	170.6	156.5	119.6	108.8	44.1	13.4	59.8	227.3	197.6	147.2	77.2
Café en grano	422.4	316.3	363.7	404.4	471.1	575.7	1,390.5	734.9	658.9	716.2	433.5	520.6	364.1	367.3	508.0	943.9	891.2	1,098.7	897.8
Melón y Sandía	79.1	60.0	45.3	27.3	52.3	56.0	107.9	131.9	110.4	174.9	117.7	201.1	125.8	94.1	126.0	153.0	168.8	186.4	214.0
Frutas frescas o secas	79.0	59.7	75.9	53.0	91.0	105.4	197.3	235.8	253.0	297.1	319.0	630.8	592.4	595.9	665.3	748.7	621.1	561.8	725.7
Legumbres y hortalizas frescas	169.0	187.5	187.6	168.0	198.7	189.7	333.9	355.2	407.6	274.8	559.9	691.7	777.2	949.1	973.2	1,242.0	976.3	1,228.4	1,582.6
Jitomate	166.0	236.7	162.3	126.3	245.3	250.6	688.0	298.5	368.2	277.5	557.3	370.6	235.5	574.1	557.9	782.1	709.2	694.6	901.4
Otros	171.8	152.2	127.6	180.8	160.2	103.4	155.8	69.5	151.1	140.7	133.9	131.4	229.2	256.2	246.9	345.6	642.5	608.9	664.8
Ganadería, Apicultura y Pesca	124.0	98.5	140.1	241.3	165.4	252.9	521.1	335.8	362.1	341.7	507.8	701.1	610.9	789.4	646.3	925.8	520.5	555.8	509.7
Ganado vacuno	79.0	61.6	113.8	189.4	124.3	219.0	446.9	286.6	307.6	295.7	454.4	506.4	464.0	651.2	511.3	716.6	168.4	262.9	296.3
Alimentos y Bebidas	772.0	643.0	745.0	817.4	912.3	879.4	1,580.1	1,959.7	2,065.2	1,768.5	1,425.8	2,009.9	1,925.2	2,311.0	2,678.0	3,381.0	3,855.3	4,414.3	4,954.7
Camarón congelado	381.4	329.2	388.4	429.0	445.9	378.0	647.3	648.9	561.8	471.6	263.8	341.7	294.2	429.4	472.0	617.8	520.9	635.5	694.0
Fresas congeladas	21.9	28.6	23.5	21.8	24.9	15.6	28.8	48.2	30.7	26.9	47.2	45.6	34.3	38.6	46.7	65.9	39.4	41.3	45.8
Legumbres y frutas preparadas	63.3	56.5	74.5	69.7	86.1	89.6	139.1	150.0	172.2	217.0	207.7	351.6	364.6	386.9	410.4	409.5	430.7	485.9	557.5
Mieles incristalizables	39.4	6.4	10.8	11.2	13.5	13.2	38.3	40.0	28.3	12.8	7.4	6.7	1.8	8.0	15.4	38.2	37.0	10.8	95.8
Tequila	37.4	42.2	41.0	48.1	48.1	46.9	76.6	76.3	89.8	104.8	116.3	145.1	165.9	202.6	221.1	938.9	1,148.4	1,326.2	1,578.8
Otros	228.6	180.2	206.9	237.6	293.8	336.1	650.0	996.4	1,182.4	935.4	783.3	1,119.2	1,064.4	1,245.5	1,512.3	1,310.7	1,678.9	1,914.7	2,098.6
Balanza Agroalimentaria	-895.0	-1,185.4	438.6	199.6	517.1	735.4	3,872.9	2,924.1	2,189.3	1,136.6	687.0	1,874.4	399.6	1,651.2	1,295.9	5,252.7	3,422.3	4,385.3	4,545.3

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

CUADRO 50.2

México: Balanza agroalimentaria 1991-2000

(Millones de dólares constantes de 1980)

PRODUCTOS	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Importación Total	3,490.2	4,504.4	4,298.6	5,165.3	3,496.9	5,160.0	5,111.0	5,772.3	5,788.3	5,137.3
Agricultura y Silvicultura	1,235.6	1,746.6	1,668.4	2,101.0	1,648.2	2,880.9	2,409.9	2,838.6	2,695.5	2,291.1
Caucho Natural	51.5	44.7	42.1	51.5	63.8	73.6	70.0	59.2	48.3	43.7
Cebada en Grano	7.5	12.7	9.7	4.7	8.8	45.7	21.1	27.0	26.2	17.0
Especias Diversas	23.3	30.0	22.0	18.7	15.0	19.0	21.2	26.7	26.1	19.7
Frijol	13.6	1.6	3.9	27.0	10.0	57.4	35.4	85.8	47.9	17.7
Frutas Frescas o Secas	57.4	88.4	132.2	202.6	88.5	96.6	116.9	146.1	205.2	214.5
Hortalizas Frescas	28.8	37.5	30.4	27.3	13.4	26.2	24.0	30.9	28.9	24.1
Madera Ordinaria	18.0	21.5	13.7	17.2	6.9	6.0	12.2	16.8	11.8	15.3
Maíz	130.8	134.2	49.2	259.0	248.1	703.4	236.8	413.9	401.9	301.6
Otros Forrajes y Pasturas	2.7	2.4	4.8	3.6	1.4	6.2	8.9	10.0	10.8	8.3
Otras Semillas y Frutos Oleaginosos	171.9	161.4	180.8	203.2	198.2	292.3	259.7	309.8	293.2	213.2
Semilla de Algodón	61.8	126.2	172.9	178.6	159.0	230.2	310.1	430.4	274.8	325.6
Semilla de Soya	255.3	372.5	375.5	449.6	360.6	594.6	680.0	571.2	524.6	437.5
Sorgo	265.1	394.3	273.1	277.1	169.1	219.0	173.6	231.4	285.7	253.2
Trigo	49.1	119.0	167.0	132.8	144.3	282.8	202.0	225.1	225.4	168.9
Otros	98.8	200.6	191.0	248.1	161.1	228.2	238.1	254.3	284.7	230.7
Ganaderia, Apilcultura y Pesca	324.6	331.9	221.3	265.1	109.4	215.8	339.6	326.6	303.3	261.6
Ganado Vacuno	133.9	144.7	68.3	99.2	15.1	60.6	127.9	98.2	87.1	90.1
Lana sin Cardar Ni Peinar	15.1	12.9	12.3	12.8	12.4	6.4	9.7	8.3	3.4	5.9
Pieles y Cueros sin Curtir	103.3	101.2	80.5	76.6	44.0	98.6	128.5	125.8	120.8	87.4
Otros	65.9	63.5	49.0	58.2	26.7	39.0	55.9	69.5	61.6	52.1
Caza y Pesca	6.4	9.7	11.3	18.3	11.2	11.2	17.7	24.8	30.3	26.2
Alimentos, Bebidas y Tabaco	1,930.0	2,426.0	2,408.9	2,799.2	1,739.2	2,063.3	2,361.5	2,607.1	2,789.4	2,584.6
Aceite de Soya	13.3	24.4	29.1	29.3	25.8	30.4	34.8	45.2	33.0	23.3
Aceites Fijos de Coco	9.7	14.2	4.2	3.1	13.4	8.9	4.0	10.7	4.4	5.3
Alimento Preparado para Animales	96.7	133.1	103.6	150.9	97.9	104.8	90.0	122.1	141.6	118.8
Azúcar	193.3	28.8	15.6	19.7	11.1	62.4	15.6	7.7	8.9	5.9
Carnes Frescas o Refrigeradas	461.5	514.3	408.8	542.4	261.0	344.0	510.6	619.6	697.3	762.4
Conservas Animales Alimenticias	8.4	12.3	22.3	33.8	14.4	13.9	17.8	18.8	18.3	19.6
Conservas Vegetales Alimenticias	43.7	76.0	86.1	118.5	48.6	46.6	60.5	77.9	85.9	70.6
Frutas Conservadas y Deshidratadas	13.0	22.8	20.8	29.4	11.6	16.8	21.4	18.6	27.8	40.5
Harinas de Animales Marinos	7.0	12.9	23.3	18.1	4.9	4.0	8.8	8.0	7.7	7.4
Harinas de Soya y Otras Semillas y Frutos Oleaginosos	2.1	2.3	4.6	4.1	0.9	1.7	0.7	1.2	3.3	4.4
Leche en Polvo	79.3	270.0	292.0	185.8	177.2	244.4	220.9	166.7	150.3	135.5
Leche Evaporada o Condensada	0.6	1.7	1.3	2.7	0.3	0.6	0.7	1.9	3.4	5.0
Licores y Aguardientes	44.8	72.8	75.4	75.8	35.6	31.7	40.4	44.4	31.0	20.4
Manteca de Cerdo	7.5	8.9	9.4	12.9	14.4	13.5	12.5	11.2	9.3	5.7
Mantequilla Natural	42.6	51.5	49.6	44.2	30.1	30.7	31.8	34.6	43.5	25.8
Mayonesa y Salsa	14.9	20.1	24.6	30.9	21.4	23.2	22.5	26.6	28.7	31.1
Otros Aceites y Grasas Animales y Vegetales	216.3	196.2	198.6	259.8	262.2	248.9	254.2	257.4	249.3	174.2
Pieles Comestibles de Cerdo	58.6	61.1	61.5	60.3	37.2	50.9	57.1	54.0	49.9	54.9
Pescados y Mariscos en Conserva	12.6	14.1	18.4	23.9	9.3	7.8	14.2	14.3	13.5	10.2
Preparados Alimenticios Especiales	101.3	159.3	187.2	211.7	111.8	145.7	184.3	223.0	290.8	273.5
Sebos de Especies Bovina, Ovina y Caprina	50.8	50.2	59.6	69.8	78.7	74.8	77.1	101.5	75.8	47.9
Vinos Espumosos, Tintos y Blancos	28.8	42.8	35.6	32.4	16.9	33.5	34.7	32.6	38.2	27.3
Otros	423.2	636.0	677.3	839.8	454.5	524.1	646.8	709.2	777.4	714.9
Exportación Total	5,364.2	4,904.1	5,948.4	6,457.3	8,749.7	8,575.3	9,494.4	10,316.2	10,500.0	8,852.7
Agricultura y Silvicultura	2,654.6	2,368.7	2,850.1	3,136.7	4,443.6	4,205.5	4,521.8	4,853.1	4,726.7	3,963.5
Algodón	108.6	44.1	13.4	59.5	227.1	196.4	147.3	77.1	74.4	30.8
Almendra de Ajonjoli	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arroz	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.4	1.0	0.0
Borra de Algodón	3.7	1.6	0.7	0.1	8.4	6.7	11.0	12.0	1.8	0.3
Cacao	0.0	29.8	25.9	8.5	18.9	14.6	24.6	17.8	8.7	0.4
Café Crudo en Grano	520.7	364.0	367.3	508.1	944.1	892.8	1,098.0	871.9	791.2	725.9
Cera Vegetal	2.8	2.7	4.7	4.2	5.1	2.2	1.7	4.9	7.8	4.3
Colofonia	1.4	0.7	0.6	1.8	1.3	1.3	3.1	1.3	0.7	0.3
Chicle	4.1	5.4	2.6	3.4	2.1	0.9	0.0	0.0	0.0	0.0
Especias Diversas	22.2	28.2	29.1	26.1	27.9	172.5	38.8	51.6	63.1	51.3
Fresas Frescas	29.3	17.2	31.8	44.5	58.7	71.2	35.7	96.8	86.8	61.2
Frijol	0.6	9.4	3.8	29.2	23.7	4.6	6.2	3.4	3.4	2.8
Garbanzo	45.3	50.1	39.0	62.9	97.5	136.7	83.1	94.9	122.4	122.2
Ixtle de Lechuguilla	27.7	27.9	34.4	26.6	19.7	18.0	19.4	19.4	16.7	15.7
Jitomate	370.3	235.3	574.1	557.1	783.0	710.0	695.8	832.3	727.8	491.8
Legumbres y Hortalizas Frescas	692.1	777.0	949.7	973.7	1,242.0	975.8	1,228.6	1,547.6	1,605.2	1,468.1
Maíz	4.0	3.8	8.7	6.2	17.5	22.9	27.5	49.9	11.0	4.7
Melón y Sandía	201.3	126.1	94.2	125.8	152.9	170.3	185.1	191.5	231.4	159.7
Otras Frutas Frescas	401.1	450.5	469.2	494.6	537.0	550.1	564.5	679.4	665.7	528.4
Raíces y Tallos de Brezo, Mijo o Sorgo	0.0	0.1	0.6	4.9	4.7	3.2	3.3	6.5	4.9	4.1
Semilla de Ajonjoli	62.9	47.5	30.7	29.8	18.0	25.8	30.9	33.6	28.3	20.3
Simiente de Trigo Certificada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tabaco en Rama	62.8	19.9	57.8	35.6	34.0	58.2	54.7	58.9	48.6	35.1
Trigo	0.0	0.0	0.0	20.8	96.3	28.7	101.2	38.4	61.9	93.8
Otros	93.8	127.4	111.9	113.3	123.7	142.1	161.2	162.6	163.9	142.6
Ganaderia, Apilcultura y Pesca	700.0	610.4	789.0	645.6	925.9	519.3	559.8	509.7	615.5	555.8
Ganado Vacuno	506.5	464.3	651.3	511.0	716.7	167.4	264.7	285.3	394.3	354.0
Miel de Abeja	71.3	53.7	48.8	39.3	41.0	64.2	53.8	58.5	34.3	39.0
Otros	7.2	8.5	9.0	7.9	16.0	14.6	11.0	14.7	16.9	13.2
Camarón Fresco Refrigerado	1.6	0.0	0.3	0.1	0.4	32.8	17.5	3.7	3.1	1.3
Langosta Fresca Refrigerada	0.3	1.4	1.9	8.8	15.5	26.8	23.1	16.8	21.6	18.9
Pescados y Mariscos Frescos	78.1	54.7	50.6	49.0	67.4	140.4	130.1	78.7	81.8	79.7
Otros	35.1	27.8	27.0	29.5	68.9	73.2	59.5	52.1	63.5	49.7
Alimentos, Bebidas y Tabaco	2,009.6	1,925.0	2,309.3	2,675.0	3,380.2	3,850.4	4,412.9	4,953.4	5,157.8	4,333.5
Abulón en Conserva	53.5	58.7	51.6	52.1	58.0	79.7	71.2	32.6	29.3	30.2
Ates y Mermeladas de Frutas	4.8	5.2	2.8	2.8	3.3	4.1	5.7	10.2	11.4	10.6
Atún Congelado	29.3	6.5	7.1	0.0	46.9	40.9	37.8	35.5	17.0	1.6
Azúcar	70.9	4.4	0.0	0.1	112.0	290.0	180.7	83.6	23.5	9.5
Camarón Congelado	341.6	294.4	429.4	471.9	617.9	522.0	635.6	581.1	578.6	418.8
Cerveza	239.7	267.6	285.5	328.2	413.8	492.2	646.3	869.5	981.1	976.4
Café Tostado	57.4	34.4	46.9	77.4	86.9	93.2	126.3	107.5	74.4	48.4
Carnes de Ganado, Excepto Equino	13.3	22.7	26.2	30.9	45.7	104.7	164.3	165.3	167.5	164.0
Carnes de Ganado Equino	8.6	8.6	9.4	9.0	12.4	13.6	12.5	11.2	8.0	4.9
Conservas de Pescados y Mariscos	14.6	15.0	13.2	12.3	17.1	43.2	44.0	33.3	28.0	18.5
Extractos Alcohólicos Concentrados	10.5	6.9	10.0	13.3	12.0	3.2	12.5	9.0	13.3	10.5
Extractos de Café	7.1	16.4	19.9	27.0	58.3	39.9	104.6	139.0	137.3	106.1
Fresas Congeladas, con o sin Azúcar	45.5	34.3	38.7	46.5	65.8	38.6	39.7	40.1	65.2	42.7
Jugo de Naranja	64.4	13.8	36.5	72.6	121.3	87.8	67.1	138.8	84.9	57.3
Jugo de Piña	17.8	2.7	0.4	0.8	1.7	2.6	1.7	10.5	3.8	1.8
Langosta Congelada	20.8	15.7	15.3	22.0	22.3	15.4	10.1	7.3	8.7	5.4
Legumbres y Frutas Preparadas y/o en Conservas	351.5	364.5	386.9	410.5	409.4	431.4	486.2	558.1	601.0	439.3
Manteca de Cacao	9.2	7.2	9.7	7.6	17.0	10.9	9.2	6.4	11.3	4.6
Mieles Incristalizables de Caña de Azúcar	6.9	1.8	8.0	15.3	38.4	37.2	10.8	11.0	2.9	2.3
Otros Jugos de Frutas	25.3	34.0	36.3	42.9	42.6	65.8	74.0	95.8	92.5	73.1
Pasta, Puré o Jugo de Tomate	2.8	1.0	1.3	1.4	0.7	1.2	0.9	5.4	5.2	1.9
Piña en Almibar o en Su Jugo	4.1	4.4	2.5	1.0	1.6	3.3	1.5	3.7	2.6	1.0
Tequila y Otros Aguardientes	145.0	166.0	202.6	221.2	236.1	281.4	344.2	418.2	417.0	501.9
Otros	465.1	539.1	669.0	808.1	938.9	1,148.2	1,326.0	1,580.5	1,793.3	1,402.5
Balanza Agroalimentaria	**1,874.0**	**399.7**	**1,649.8**	**1,292.0**	**5,252.9**	**3,415.3**	**4,383.4**	**4,544.0**	**4,711.7**	**3,715.4**

Nota: Los doatos para el año 2000, corresponden al mes de Octubre.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SECOFI e INEGI.

SECTOR AGROPECUARIO

CUADRO 51.1

México: Balanza agroalimentaria 1981-1998

(Tasas de crecimiento anual)

Productos	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Importación Total	9.5	-48.9	24.5	6.8	-11.1	-32.4	9.8	91.6	33.6	18.2	0.3	30.0	-3.3	22.9	-28.5	48.0	-0.4	12.2
Agricultura y Silvicultura	17.0	-58.0	74.9	4.6	-23.6	-39.5	23.9	43.9	25.1	4.8	-7.8	42.4	-3.2	28.8	-17.2	75.3	-15.8	17.0
Caucho natural	-7.3	-31.8	-0.7	21.5	-5.9	-15.8	31.6	17.6	4.4	-17.5	18.2	-12.7	-4.5	25.2	30.7	16.2	-4.3	-16.3
Otras semillas y frutas oleaginosas	18.1	36.3	-31.5	72.7	-11.3	-30.8	-22.5	11.7	9.9	12.8	48.6	-5.4	13.5	14.9	3.0	47.8	-10.7	18.7
Maíz	-23.9	-91.6	1,568.4	-40.9	-32.0	-34.9	71.1	38.7	11.9	-1.4	-58.9	2.2	-63.4	450.7	1.1	184.7	-66.2	73.7
Trigo	31.3	-59.3	-32.2	-30.5	-24.4	-35.5	85.0	270.3	-48.9	-34.3	45.7	144.8	42.1	-18.9	14.8	96.8	-28.4	11.0
Frijol	40.2	-71.0	-99.0	3,200.0	69.7	48.2	-78.3	-11.1	425.0	201.2	-92.9	-88.9	150.0	660.0	-60.5	473.3	-36.7	137.9
Frutas frescas o secas			-90.9	100.0	200.0	-16.7	20.0	66.7	270.0	21.6	73.3	42.3	65.8	78.3	-59.5	9.0	21.8	24.7
Hortalizas frescas			48.0	51.4	-66.1	-63.2	0.0	28.6	88.9	52.9	50.0	28.2	-16.0	-7.1	-48.7	100.0	-8.0	26.6
Soya	168.0	-56.1	39.8	85.2	-31.8	-39.2	31.5	71.1	-13.2	-33.4	60.3	46.9	2.1	22.4	-15.3	65.5	15.0	-16.5
Sorgo	38.1	-54.9	122.8	-16.3	-27.2	-70.5	-21.0	124.2	132.8	9.1	3.0	49.8	-29.8	3.8	-35.6	30.2	-20.0	31.6
Otros	-18.4	-65.3	-23.3	142.1	-1.9	-46.8	150.3	-27.1	97.9	0.6	11.6	108.0	4.5	9.1	-16.1	51.8	15.5	24.1
Ganaderia, Apicultura y Pesca	53.9	-20.7	-53.5	130.0	69.0	-50.5	-10.4	172.5	-31.9	-5.9	83.9	3.0	-32.3	22.4	-56.4	96.8	57.8	-3.9
Ganado vacuno			-9.3	1.9	245.9	-48.4	-50.0	451.5	-52.2	-18.4	157.7	9.3	-52.5	48.4	-83.7	300.0	111.2	-23.8
Alimentos y Bebidas	-7.9	-35.9	-23.7	-5.1	1.6	-3.3	-6.3	168.0	63.3	33.0	-1.6	26.6	0.6	18.9	-34.4	19.1	15.1	9.6
Leche en polvo	-18.5	-26.4	32.1	-20.6	20.0	14.7	15.4	77.8	95.8	18.1	-80.5	243.5	9.7	-34.9	0.8	37.8	-8.7	-25.2
Leche evaporada o condensada	124.6	-44.8	-94.4	3.9	64.9	-20.5	-58.5	-43.6	-12.1	97.0	-49.2	138.1	-18.6	98.9	-74.0	53.3	24.9	50.6
Azúcar	-34.1	-60.8	32.6	-61.0	12.3	-92.7	3,133.3	-99.5	17,600.0	150.3	-40.9	-85.9	-40.5	27.3	-39.3	458.8	-76.3	-48.4
Carnes frescas o refrigeradas			-66.0	181.3	113.3	-46.9	-11.8	506.7	8.8	1.7	101.7	14.0	-17.9	35.6	-49.2	32.3	48.9	20.7
Exportación Total	-6.0	-10.4	-1.6	19.5	-5.5	40.6	-6.3	5.9	-0.9	7.8	18.3	-8.3	17.7	11.7	43.1	-0.3	9.6	2.2
Agricultura y Silvicultura	-1.9	-20.4	-11.9	35.1	-9.3	50.2	-27.2	8.0	4.4	17.8	9.1	-10.5	16.8	13.3	49.6	-3.8	6.6	0.8
Algodón	-2.5	-40.5	-37.1	79.9	-56.7	-17.8	-3.4	57.2	-0.4	-18.1	-16.2	-59.4	-70.5	358.6	301.8	-11.7	-26.2	-50.7
Café en grano	-20.9	3.3	3.9	18.3	15.8	67.7	-40.3	-11.7	18.1	-35.2	10.6	-29.9	-2.1	42.3	96.3	-4.1	22.1	-23.2
Melón y Sandía	-19.9	-32.2	-43.8	94.7	1.6	33.7	38.2	-17.6	72.2	-27.9	57.2	-37.3	-27.4	37.7	28.3	12.1	9.4	7.9
Frutas frescas o secas	-20.3	14.3	-34.7	74.5	9.8	30.0	35.0	5.7	27.5	15.0	82.0	-5.8	-2.4	14.9	18.9	-15.7	-10.4	21.5
Legumbres y hortalizas frescas	17.2	-10.1	-16.3	20.1	-9.5	22.2	20.2	13.0	-26.8	118.3	13.7	12.7	18.5	5.5	34.8	-20.1	24.7	21.1
Jitomate	50.6	-38.4	-27.3	97.3	-3.2	90.7	-51.0	21.5	-18.1	115.1	-38.8	-36.3	136.5	0.0	48.1	-7.9	-3.0	22.0
Otros	-6.5	-24.7	32.5	-10.0	-38.8	4.6	-49.6	114.0	1.2	1.9	-9.7	74.9	8.5	-0.8	47.9	88.9	-6.1	2.6
Ganadería, Apicultura y Pesca	-16.1	27.9	60.9	-30.4	45.0	43.1	-27.2	6.2	2.5	59.2	27.1	-12.6	25.4	-15.7	51.3	-42.9	5.8	-13.8
Ganado vacuno	-17.7	66.2	55.6	-33.3	67.0	41.7	-27.5	5.7	4.4	64.6	2.6	-8.1	36.2	-19.2	48.1	-76.1	54.7	6.0
Alimentos y Bebidas	-12.0	4.1	2.5	13.4	-8.6	24.8	40.1	3.8	-7.0	-13.6	29.8	-3.9	16.5	19.2	33.4	15.9	13.4	5.5
Camarón congelado	-8.9	6.0	3.2	5.6	-19.7	18.9	13.3	-14.7	-8.8	-40.1	19.2	-13.6	41.6	13.1	38.3	-14.3	20.9	2.7
Fresas congeladas	37.9	-26.3	-13.2	16.0	-40.5	28.3	88.7	-37.1	-5.0	88.2	-11.1	-24.6	9.2	24.5	49.1	-39.4	4.1	4.2
Legumbres y frutas preparadas	-5.7	18.6	-12.6	25.4	-1.3	7.8	21.9	13.1	36.9	2.5	55.8	4.0	3.0	9.2	5.4	6.9	11.8	7.9
Mieles incristalizables	-82.8	50.2	-2.5	22.6	-7.3	101.1	17.9	-30.3	-51.0	-37.7	-16.5	-73.4	336.5	96.7	162.7	-1.4	-71.2	735.8
Tequila	18.9	-12.5	9.7	1.5	-7.7	13.4	12.6	16.0	26.8	18.9	14.9	14.6	18.5	12.3	348.6	24.3	14.4	11.9
Otros	-16.8	3.2	7.3	25.6	8.4	34.3	73.2	16.9	-14.1	-10.3	31.5	-4.6	13.5	25.0	-8.4	30.1	13.0	3.1
Balanza Agroalimentaria	49.6	-111.0	-319.0	-68.0	-135.0	4,330.6	-20.8	-100.4	20,760.0	48.0	-37.0	179.5	-30.3	47.0	-146.1	-198.3	-51.9	130.3

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

CUADRO 51.2

México: Balanza agroalimentaria 1992-2000

(Tasas de crecimiento anual)

PRODUCTOS	1992	1993	1994	1995	1996	1997	1998	1999	2000
Importación Total	**30.0**	**-3.3**	**22.9**	**-28.5**	**48.1**	**-0.4**	**12.2**	**-0.7**	**-8.9**
Agricultura y Silvicultura	42.4	-3.2	28.8	-17.2	75.4	-15.8	17.0	-5.9	-12.8
Caucho Natural	-12.7	-4.4	25.0	30.8	15.7	-4.4	-16.0	-19.1	-7.2
Cebada en Grano	68.9	-22.4	-50.4	98.5	418.0	-53.4	26.8	-3.7	-33.7
Especias Diversas	29.6	-25.5	-13.4	-15.4	27.6	12.2	25.2	-3.2	-22.6
Frijol	-88.1	150.0	600.0	-61.0	477.3	-38.0	141.0	-44.7	-62.0
Frutas Frescas o Secas	55.0	51.6	56.7	-53.9	9.5	21.8	24.2	39.1	7.3
Hortalizas Frescas	31.0	-17.9	-8.0	-48.3	96.5	-7.8	28.0	-7.3	-14.4
Madera Ordinaria	19.9	-35.3	28.3	-57.6	-13.5	105.6	36.8	-30.4	33.0
Maiz	3.4	-62.8	438.0	1.1	184.5	-66.1	73.6	-3.8	-23.0
Otros Forrajes y Pasturas	-10.8	103.0	-23.9	-58.8	342.9	45.2	11.9	6.6	-20.5
Otras Semillas y Frutos Oleaginosos	-5.4	13.5	15.0	3.0	48.0	-10.6	18.5	-6.2	-25.4
Semilla de Algodón	105.8	38.8	5.7	-6.0	45.2	35.5	37.9	-36.7	21.6
Semilla de Soya	47.0	2.1	22.5	-15.4	65.4	15.0	-16.5	-9.0	-14.4
Sorgo	49.8	-29.8	3.8	-35.6	29.9	-20.2	32.4	22.3	-9.1
Trigo	144.2	42.2	-18.7	14.7	96.6	-28.1	10.7	-0.8	-23.1
Otros	104.4	-3.6	32.9	-31.5	42.1	5.0	6.1	10.9	-16.9
Ganaderia, Apilcultura y Pesca	3.0	-32.4	22.5	-56.4	97.8	58.3	-4.5	-8.0	-11.5
Ganado Vacuno	8.8	-52.1	48.5	-83.9	302.6	112.4	-23.7	-12.1	6.1
Lana sin Cardar Ni Peinar	-14.1	-3.4	6.4	2.7	-48.7	53.1	-15.0	-69.2	78.4
Pieles y Cueros sin Curtir	-1.3	-19.4	-2.6	-39.4	124.8	31.0	-2.7	-4.8	-25.8
Otros	-3.0	-21.9	21.6	-51.5	46.5	44.1	23.4	-12.1	-13.4
Caza y Pesca	52.9	18.0	66.2	-35.6	0.6	58.6	39.6	21.1	-11.5
Alimentos, Bebidas y Tabaco	26.6	0.6	18.9	-34.4	19.0	15.1	9.7	6.0	-4.9
Aceite de Soya	84.6	20.5	3.0	-7.0	18.0	15.5	28.7	-27.6	-27.6
Aceites Fijos de Coco	47.7	-69.7	-25.4	359.1	-33.2	-54.8	163.9	-59.6	24.6
Alimento Preparado para Animales	38.6	-21.1	49.0	-31.5	7.4	-13.7	34.8	14.9	-13.9
Azúcar	-85.0	-44.9	28.9	-40.6	464.1	-74.8	-51.1	14.7	-31.6
Carnes Frescas o Refrigeradas	12.3	-19.5	35.7	-49.2	32.3	49.3	20.6	11.5	12.2
Conservas Animales Alimenticias	47.0	83.4	55.5	-55.2	-3.2	29.2	5.2	-3.9	10.3
Conservas Vegetales Alimenticias	75.0	14.8	40.7	-56.7	-3.8	30.7	27.9	9.3	-15.7
Frutas Conservadas y Deshidratadas	77.4	-7.6	44.5	-58.2	44.6	28.5	-13.5	48.0	49.3
Harinas de Animales Marinos	87.4	82.0	-20.4	-71.3	-17.6	119.7	-9.7	-5.0	-0.9
Harinas de Soya y Otras Semillas y Frutos Oleaginosos	10.3	100.0	-9.4	-77.6	92.3	-56.0	63.6	177.8	36.0
Leche en Polvo	242.8	9.6	-34.9	0.6	38.4	-9.1	-25.0	-10.7	-7.5
Leche Evaporada o Condensada	187.5	-21.7	116.7	-87.2	80.0	22.2	154.5	82.1	51.0
Licores y Aguardientes	63.6	4.9	2.9	-50.4	-10.6	28.2	9.1	-30.9	-32.4
Manteca de Cerdo	18.4	7.4	40.5	17.9	-6.5	-6.9	-10.6	-17.8	-37.4
Mantequilla Natural	21.9	-2.4	-8.8	-28.3	2.7	4.1	8.1	24.5	-39.1
Mayonesa y Salsa	36.0	23.9	28.7	-26.8	8.7	-2.6	17.6	7.0	11.0
Otros Aceites y Grasas Animales y Vegetales	-8.6	2.6	33.8	6.5	-4.8	2.7	0.6	-4.0	-28.3
Pieles Comestibles de Cerdo	5.0	1.9	0.4	-34.9	37.4	12.9	-6.1	-8.4	12.9
Pescados y Mariscos en Conserva	12.8	32.5	32.7	-58.9	-16.4	83.8	0.0	-6.0	-22.8
Preparados Alimenticios Especiales	58.4	19.0	15.7	-44.3	30.8	27.2	20.2	29.2	-3.5
Sebos de Especies Bovina, Ovina y Caprina	-0.4	20.3	19.8	19.0	-4.6	3.7	30.7	-26.0	-35.2
Vinos Espumosos, Tintos y Blancos	49.9	-15.8	-6.9	-45.0	98.8	4.2	-6.7	16.3	-26.8
Otros	51.4	7.9	26.8	-42.9	15.7	24.1	8.9	8.6	-5.6
Exportación Total	**-8.3**	**17.7**	**11.7**	**43.2**	**-0.4**	**9.7**	**2.2**	**5.7**	**-9.5**
Agricultura y Silvicultura	-10.5	16.8	13.3	49.7	-3.8	6.5	0.9	1.1	-10.0
Algodón	-59.2	-70.6	357.6	303.6	-12.1	-25.7	-50.8	0.2	-55.6
Almendra de Ajonjoli	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arroz	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	-30.0	-100.0
Borra de Algodón	-57.7	-54.5	-80.0	6,200.0	-19.0	62.7	2.4	-84.7	-84.6
Cacao	0.0	-15.6	-66.3	135.0	-21.3	66.7	-31.9	-49.2	-95.3
Café Crudo en Grano	-29.9	-2.1	42.3	96.3	-3.9	21.9	-25.3	-5.8	-1.5
Cera Vegetal	-5.0	68.4	-6.3	26.7	-55.3	-23.5	169.2	62.9	-40.4
Colofonia	-50.0	-20.0	225.0	-23.1	0.0	130.0	-60.9	-44.4	-60.0
Chicle	31.0	-52.6	33.3	-33.3	-56.3	-100.0	0.0	0.0	0.0
Especias Diversas	27.4	0.0	-7.5	13.0	527.3	-77.7	25.0	27.1	-12.7
Fresas Frescas	-41.1	79.5	43.8	39.4	23.2	-50.3	154.6	-6.9	-24.3
Frijol	1,575.0	-61.2	696.2	-14.5	-80.2	34.3	-48.9	4.2	-12.0
Garbanzo	10.9	-24.5	66.0	63.8	42.5	-39.7	7.3	33.9	7.1
Ixtle de Lechuguilla	1.0	19.7	-20.7	-21.8	-6.8	6.6	-6.2	-10.2	0.8
Jitomate	-36.3	136.8	-0.2	48.5	-7.9	-2.9	12.5	-9.2	-27.5
Legumbres y Hortalizas Frescas	12.6	18.6	5.5	34.8	-20.2	24.7	18.4	7.7	-1.8
Maiz	-3.6	122.2	-26.7	197.7	32.8	19.0	70.5	-77.1	-54.3
Melón y Sandia	-37.2	-27.5	37.5	28.4	13.1	7.7	-2.7	25.4	-25.9
Otras Frutas Frescas	12.6	1.1	8.5	14.7	4.1	1.7	13.1	1.7	-14.8
Raices y Tallos de Brezo, Mijo o Sorgo	0.0	300.0	775.0	0.0	-31.4	4.2	84.0	-21.7	-11.1
Semilla de Ajonjoli	-24.3	-37.4	0.0	-36.0	45.2	18.9	2.1	-12.6	-23.1
Simiente de Trigo Certificada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tabaco en Rama	-68.2	182.3	-36.7	0.8	74.0	-6.8	1.2	-14.4	-22.4
Trigo	0.0	0.0	0.0	389.8	-69.7	249.5	-64.3	67.3	62.6
Otros	36.2	-14.7	4.2	15.3	16.8	12.4	-5.2	4.7	-6.6
Ganaderia, Apilcultura y Pesca	-12.5	25.4	-15.8	51.5	-43.0	6.8	-14.4	25.4	-3.1
Ganado Vacuno	-8.1	36.1	-19.3	48.2	-76.3	56.7	1.4	43.5	-3.6
Miel de Abeja	-24.4	-11.8	-17.3	10.4	59.0	-17.0	2.2	-39.1	22.2
Otros	17.6	3.3	-9.7	114.3	-7.5	-25.2	25.3	19.2	-16.1
Camarón Fresco Refrigerado	-100.0	0.0	-50.0	200.0	8,200.0	-47.0	-80.3	-11.5	-56.5
Langosta Fresca Refrigerada	400.0	30.0	376.9	87.1	75.9	-14.7	-31.6	33.6	-6.3
Pescados y Mariscos Frescos	-29.7	-10.3	-0.3	45.2	111.7	-8.2	-43.2	7.9	4.7
Otros	-20.6	-5.6	12.4	146.4	8.0	-19.4	-17.6	26.6	-16.1
Alimentos, Bebidas y Tabaco	-3.9	16.4	19.2	33.5	15.7	13.6	5.5	8.1	-9.8
Abulón en Conserva	10.1	-14.7	3.9	17.6	39.6	-11.6	-56.9	-6.9	10.7
Ates y Mermeladas de Frutas	8.8	-48.6	5.3	25.0	24.0	38.7	67.4	16.7	0.0
Atún Congelado	-77.8	6.5	-100.0	0.0	-11.4	-8.4	-11.9	-50.2	-89.6
Azúcar	-93.8	-100.0	0.0	83,700.0	163.0	-38.2	-56.5	-70.8	-56.6
Camarón Congelado	-13.6	41.5	13.1	38.3	-14.2	20.6	-14.0	3.4	-22.3
Cerveza	11.9	3.5	18.3	33.2	20.9	30.1	26.5	17.1	6.8
Café Tostado	-39.9	32.4	69.7	18.6	8.9	34.3	-20.0	-28.1	-30.2
Carnes de Ganado, Excepto Equino	71.3	11.8	21.7	56.2	132.7	55.4	-5.4	5.2	5.1
Carnes de Ganado Equino	0.0	6.6	-1.5	45.3	10.8	-8.7	-16.0	-25.3	-33.9
Conservas de Pescados y Mariscos	2.9	-14.2	-4.4	47.1	156.3	0.9	-28.7	-12.7	-29.1
Extractos Alcohólicos Concentrados	-33.8	40.8	36.2	-4.3	-73.3	291.7	-31.9	53.1	-15.3
Extractos de Café	132.0	18.1	39.4	128.3	-30.5	160.1	24.9	2.5	-17.0
Fresas Congeladas, con o sin Azúcar	-24.5	9.5	23.7	49.5	-40.4	2.0	-5.0	68.7	-29.6
Jugo de Naranja	-78.5	156.1	104.8	76.5	-26.5	-24.3	94.7	-36.5	-27.6
Jugo de Piña	-84.9	-84.2	100.0	116.7	53.8	-35.0	469.2	-62.2	-50.0
Langosta Congelada	-24.5	-5.4	48.6	7.1	-29.9	-35.0	-31.6	23.1	-32.8
Legumbres y Frutas Preparadas y/o en Conservas	4.0	3.0	9.2	5.4	7.1	11.6	7.9	11.8	-21.5
Manteca de Cacao	-21.5	31.4	-19.4	135.2	-34.6	-16.9	-34.8	84.4	-56.6
Mieles Incristalizables de Caña de Azúcar	-73.5	323.1	96.4	165.7	-1.4	-71.4	-3.7	-73.1	-14.3
Otros Jugos de Frutas	34.6	3.7	21.6	4.9	56.7	11.4	21.7	0.3	-15.1
Pasta, Puré o Jugo de Tomate	-65.0	28.6	11.1	-50.0	80.0	-22.2	442.9	0.0	-60.5
Piña en Almibar o en Su Jugo	6.9	-45.2	-58.8	71.4	108.3	-56.0	136.4	-26.9	-57.9
Tequila y Otros Aguardientes	14.8	18.4	12.3	12.8	21.1	21.2	14.2	3.5	29.2
Otros	16.2	20.4	24.3	22.8	24.2	14.4	12.1	17.8	-16.0
Balanza Agroalimentaria	**179.6**	**-30.2**	**47.1**	**-146.1**	**-198.7**	**-52.0**	**129.9**	**-33.6**	**-4.2**

Nota: Los doatos para el año 2000, corresponden al mes de Octubre.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SECOFI e INEGI.

SECTOR AGROPECUARIO

CUADRO 52.1

México: Balanza agroalimentaria 1980-1998

(Porcentajes)

Productos	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Importación Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agricultura y Silvicultura	59.0	63.0	51.8	72.8	71.3	61.3	54.9	61.9	46.5	43.5	38.5	35.4	38.8	38.8	40.7	47.1	55.8	47.2	49.2
Caucho natural	2.3	2.0	2.6	2.1	2.4	2.5	3.1	3.7	2.3	1.8	1.3	1.5	1.0	1.0	1.0	1.8	1.4	1.4	1.0
Otras semillas y frutas oleaginosas	3.9	4.3	11.3	6.2	10.1	10.1	10.3	7.3	4.2	3.5	3.3	4.9	3.6	4.2	3.9	5.7	5.7	5.1	5.4
Maíz	18.6	12.9	2.1	28.5	15.8	12.1	11.6	18.1	13.1	11.0	9.2	3.8	3.0	1.1	5.0	7.1	13.6	4.6	7.2
Trigo	5.1	6.1	4.9	2.6	1.7	1.5	1.4	2.4	4.6	1.7	1.0	1.4	2.6	3.9	2.6	4.1	5.5	3.9	3.9
Frijol	7.5	9.7	5.5	0.0	1.4	2.6	5.8	1.1	0.5	2.1	5.3	0.4	0.0	0.1	0.5	0.3	1.1	0.7	1.5
Frutas frescas o secas	nd	nd	0.6	0.0	0.1	0.3	0.3	0.4	0.3	0.9	0.9	1.6	1.8	3.1	4.5	2.5	1.9	2.3	2.5
Hortalizas frescas	nd	nd	1.4	1.7	2.4	0.9	0.5	0.4	0.3	0.4	0.5	0.8	0.8	0.7	0.5	0.4	0.5	0.5	0.5
Soya	4.1	10.1	8.7	9.8	16.9	13.0	11.7	14.0	12.5	8.1	4.6	7.3	8.3	8.7	8.7	10.3	11.5	13.3	9.9
Sorgo	9.8	12.3	10.9	19.5	15.3	12.5	5.5	3.9	4.6	8.0	7.4	7.6	8.8	6.3	5.4	4.8	4.3	3.4	4.0
Otros	7.5	5.6	3.8	2.3	5.3	5.9	4.6	10.5	4.0	5.9	5.0	5.6	9.0	9.7	8.6	10.1	10.3	12.0	13.3
Ganaderia, Apicultura y Pesca	4.4	6.2	9.6	3.6	7.7	14.7	10.8	8.8	12.5	6.4	5.1	9.3	7.4	5.2	5.1	3.1	4.2	6.6	5.7
Ganado vacuno	nd	nd	2.2	1.6	1.6	6.1	4.6	2.1	6.1	2.2	1.5	3.8	3.2	1.6	1.9	0.4	1.2	2.5	1.7
Alimentos y Bebidas	36.6	30.8	38.6	23.7	21.0	24.0	34.4	29.3	41.0	50.1	56.4	55.3	53.9	56.0	54.2	49.7	40.0	46.2	45.2
Leche en polvo	4.2	3.1	4.5	4.8	3.6	4.8	8.2	8.6	8.0	11.7	11.7	2.3	6.0	6.8	3.6	5.1	4.7	4.3	2.9
Leche evaporada o condensada	1.6	3.3	3.6	0.2	0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Azúcar	17.1	10.3	7.9	8.4	3.1	3.9	0.4	12.4	0.0	4.4	9.3	5.5	0.6	0.4	0.4	0.3	1.2	0.3	0.1
Carnes frescas o refrigeradas	nd	nd	2.6	0.7	1.9	4.5	3.6	2.9	9.1	7.4	6.4	12.8	11.2	9.5	10.5	7.5	6.7	10.0	10.7
Exportación Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agricultura y Silvicultura	61.0	63.8	56.6	50.7	57.4	55.0	58.8	45.7	46.6	49.1	53.7	49.5	48.3	47.9	48.5	50.8	49.0	47.7	47.0
Algodón	13.8	14.3	9.5	6.1	9.1	4.2	2.5	2.5	3.8	3.8	2.9	2.0	0.9	0.2	0.9	2.6	2.3	1.6	0.7
Café en grano	18.4	15.5	17.8	18.8	18.6	22.9	27.3	17.4	14.5	17.3	10.4	9.7	7.4	6.2	7.9	10.8	10.4	11.6	8.7
Melón y Sandía	3.4	2.9	2.2	1.3	2.1	2.2	2.1	3.1	2.4	4.2	2.8	3.7	2.6	1.6	1.9	1.7	2.0	2.0	2.1
Frutas frescas o secas	3.4	2.9	3.7	2.5	3.6	4.2	3.9	5.6	5.6	7.2	7.6	11.8	12.1	10.0	10.3	8.6	7.2	5.9	7.0
Legumbres y hortalizas frescas	7.3	9.2	9.2	7.8	7.9	7.5	6.5	8.4	9.0	6.6	13.4	12.9	15.8	15.9	15.1	14.2	11.4	12.9	15.3
Jitomate	7.2	11.6	8.0	5.9	9.7	9.9	13.5	7.1	8.1	6.7	13.3	6.9	4.8	9.6	8.6	8.9	8.3	7.3	8.7
Otros	7.5	7.4	6.2	8.4	6.3	4.1	3.1	1.6	3.3	3.4	3.2	2.4	4.7	4.3	3.8	4.0	7.5	6.4	6.4
Ganadería, Apicultura y Pesca	5.4	4.8	6.9	11.2	6.5	10.0	10.2	7.9	8.0	8.2	12.2	13.1	12.5	13.3	10.0	10.6	6.1	5.9	4.9
Ganado vacuno	3.4	3.0	5.6	8.8	4.9	8.7	8.8	6.8	6.8	7.1	10.9	9.4	9.5	10.9	7.9	8.2	2.0	2.8	2.9
Alimentos y Bebidas	33.6	31.4	36.5	38.0	36.1	34.9	31.0	46.3	45.4	42.6	34.2	37.5	39.3	38.8	41.4	38.6	44.9	46.5	48.0
Camarón congelado	16.6	16.1	19.0	20.0	17.6	15.0	12.7	15.3	12.4	11.4	6.3	6.4	6.0	7.2	7.3	7.1	6.1	6.7	6.7
Fresas congeladas	1.0	1.4	1.1	1.0	1.0	0.6	0.6	1.1	0.7	0.6	1.1	0.8	0.7	0.6	0.7	0.8	0.5	0.4	0.4
Legumbres y frutas preparadas	2.8	2.8	3.7	3.2	3.4	3.6	2.7	3.5	3.8	5.2	5.0	6.6	7.4	6.5	6.4	4.7	5.0	5.1	5.4
Mieles incristalizables	1.7	0.3	0.5	0.5	0.5	0.5	0.8	0.9	0.6	0.3	0.2	0.1	0.0	0.1	0.2	0.4	0.4	0.1	0.9
Tequila	1.6	2.1	2.0	2.2	1.9	1.9	1.5	1.8	2.0	2.5	2.8	2.7	3.4	3.4	3.4	10.7	13.4	14.0	15.3
Otros	9.9	8.8	10.1	11.1	11.6	13.3	12.7	23.6	26.0	22.6	18.8	20.9	21.7	20.9	23.4	15.0	19.6	20.2	20.3

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

CUADRO 52.2

México: Balanza agroalimentaria 1991-2000

(Porcentajes)

PRODUCTOS	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Importación Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agricultura y Silvicultura	35.4	38.8	38.8	40.7	47.1	55.8	47.2	49.2	46.6	44.6
Caucho Natural	1.5	1.0	1.0	1.0	1.8	1.4	1.4	1.0	0.8	0.9
Cebada en Grano	0.2	0.3	0.2	0.1	0.3	0.9	0.4	0.5	0.5	0.3
Especias Diversas	0.7	0.7	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.4
Frijol	0.4	0.0	0.1	0.5	0.3	1.1	0.7	1.5	0.8	0.3
Frutas Frescas o Secas	1.6	2.0	3.1	3.9	2.5	1.9	2.3	2.5	3.5	4.2
Hortalizas Frescas	0.8	0.8	0.7	0.5	0.4	0.5	0.5	0.5	0.5	0.5
Madera Ordinaria	0.5	0.5	0.3	0.3	0.2	0.1	0.2	0.3	0.2	0.3
Maíz	3.7	3.0	1.1	5.0	7.1	13.6	4.6	7.2	6.9	5.9
Otros Forrajes y Pasturas	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.2	0.2
Otras Semillas y Frutos Oleaginosos	4.9	3.6	4.2	3.9	5.7	5.7	5.1	5.4	5.1	4.1
Semilla de Algodón	1.8	2.8	4.0	3.5	4.5	4.5	6.1	7.5	4.7	6.3
Semilla de Soya	7.3	8.3	8.7	8.7	10.3	11.5	13.3	9.9	9.1	8.5
Sorgo	7.6	8.8	6.4	5.4	4.8	4.2	3.4	4.0	4.9	4.9
Trigo	1.4	2.6	3.9	2.6	4.1	5.5	4.0	3.9	3.9	3.3
Otros	2.8	4.5	4.4	4.8	4.6	4.4	4.7	4.4	4.9	4.5
Ganadería, Apilcultura y Pesca	9.3	7.4	5.1	5.1	3.1	4.2	6.6	5.7	5.2	5.1
Ganado Vacuno	3.8	3.2	1.6	1.9	0.4	1.2	2.5	1.7	1.5	1.8
Lana sin Cardar Ni Peinar	0.4	0.3	0.3	0.2	0.4	0.1	0.2	0.1	0.1	0.1
Pieles y Cueros sin Curtir	3.0	2.2	1.9	1.5	1.3	1.9	2.5	2.2	2.1	1.7
Otros	1.9	1.4	1.1	1.1	0.8	0.8	1.1	1.2	1.1	1.0
Caza y Pesca	0.2	0.2	0.3	0.4	0.3	0.2	0.3	0.4	0.5	0.5
Alimentos, Bebidas y Tabaco	55.3	53.9	56.0	54.2	49.7	40.0	46.2	45.2	48.2	50.3
Aceite de Soya	0.4	0.5	0.7	0.6	0.7	0.6	0.7	0.8	0.6	0.5
Aceites Fijos de Coco	0.3	0.3	0.1	0.1	0.4	0.2	0.1	0.2	0.1	0.1
Alimento Preparado para Animales	2.8	3.0	2.4	2.9	2.8	2.0	1.8	2.1	2.4	2.3
Azúcar	5.5	0.6	0.4	0.4	0.3	1.2	0.3	0.1	0.2	0.1
Carnes Frescas o Refrigeradas	13.2	11.4	9.5	10.5	7.5	6.7	10.0	10.7	12.0	14.8
Conservas Animales Alimenticias	0.2	0.3	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4
Conservas Vegetales Alimenticias	1.3	1.7	2.0	2.3	1.4	0.9	1.2	1.3	1.5	1.4
Frutas Conservadas y Deshidratadas	0.4	0.5	0.5	0.6	0.3	0.3	0.4	0.3	0.5	0.8
Harinas de Animales Marinos	0.2	0.3	0.5	0.4	0.1	0.1	0.2	0.1	0.1	0.1
Harinas de Soya y Otras Semillas y Frutos Oleaginosos	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Leche en Polvo	2.3	6.0	6.8	3.6	5.1	4.7	4.3	2.9	2.6	2.6
Leche Evaporada o Condensada	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Licores y Aguardientes	1.3	1.6	1.8	1.5	1.0	0.6	0.8	0.8	0.5	0.4
Manteca de Cerdo	0.2	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.1
Mantequilla Natural	1.2	1.1	1.2	0.9	0.9	0.6	0.6	0.6	0.8	0.5
Mayonesa y Salsa	0.4	0.4	0.6	0.6	0.6	0.4	0.4	0.5	0.5	0.6
Otros Aceites y Grasas Animales y Vegetales	6.2	4.4	4.6	5.0	7.5	4.8	5.0	4.5	4.3	3.4
Pieles Comestibles de Cerdo	1.7	1.4	1.4	1.2	1.1	1.0	1.1	0.9	0.9	1.1
Pescados y Mariscos en Conserva	0.4	0.3	0.4	0.5	0.3	0.2	0.3	0.2	0.2	0.2
Preparados Alimenticios Especiales	2.9	3.5	4.4	4.1	3.2	2.8	3.6	3.9	5.0	5.3
Sebos de Especies Bovina, Ovina y Caprina	1.5	1.1	1.4	1.4	2.2	1.4	1.5	1.8	1.3	0.9
Vinos Espumosos, Tintos y Blancos	0.8	1.0	0.8	0.6	0.5	0.6	0.7	0.6	0.7	0.5
Otros	12.1	14.1	15.8	16.3	13.0	10.2	12.7	12.3	13.4	13.9
Exportación Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agricultura y Silvicultura	49.5	48.3	47.9	48.6	50.8	49.0	47.6	47.0	45.0	44.8
Algodón	2.0	0.9	0.2	0.9	2.6	2.3	1.6	0.7	0.7	0.3
Almendra de Ajonjolí	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arroz	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Borra de Algodón	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0
Cacao	0.0	0.6	0.4	0.1	0.2	0.2	0.3	0.2	0.1	0.0
Café Crudo en Grano	9.7	7.4	6.2	7.9	10.8	10.4	11.6	8.5	7.5	8.2
Cera Vegetal	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0
Colofonia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chicle	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Especias Diversas	0.4	0.6	0.5	0.4	0.3	2.0	0.4	0.5	0.6	0.6
Fresas Frescas	0.5	0.4	0.5	0.7	0.7	0.8	0.4	0.9	0.8	0.7
Frijol	0.0	0.2	0.1	0.5	0.3	0.1	0.1	0.0	0.0	0.0
Garbanzo	0.8	1.0	0.7	1.0	1.1	1.6	0.9	0.9	1.2	1.4
Ixtle de Lechuguilla	0.5	0.6	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2
Jitomate	6.9	4.8	9.7	8.6	8.9	8.3	7.3	8.1	6.9	5.6
Legumbres y Hortalizas Frescas	12.9	15.8	16.0	15.1	14.2	11.4	12.9	15.0	15.3	16.6
Maíz	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.5	0.1	0.1
Melón y Sandía	3.8	2.6	1.6	1.9	1.7	2.0	1.9	1.9	2.2	1.8
Otras Frutas Frescas	7.5	9.2	7.9	7.7	6.1	6.4	5.9	6.6	6.3	6.0
Raíces y Tallos de Brezo, Mijo o Sorgo	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Semilla de Ajonjolí	1.2	1.0	0.5	0.5	0.2	0.3	0.3	0.3	0.3	0.2
Simiente de Trigo Certificada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tabaco en Rama	1.2	0.4	1.0	0.6	0.4	0.7	0.6	0.6	0.5	0.4
Trigo	0.0	0.0	0.0	0.3	1.1	0.3	1.1	0.4	0.6	1.1
Otros	1.7	2.6	1.9	1.8	1.4	1.7	1.7	1.6	1.6	1.6
Ganadería, Apilcultura y Pesca	13.0	12.4	13.3	10.0	10.6	6.1	5.9	4.9	5.9	6.3
Ganado Vacuno	9.4	9.5	10.9	7.9	8.2	2.0	2.8	2.8	3.8	4.0
Miel de Abeja	1.3	1.1	0.8	0.6	0.5	0.7	0.6	0.6	0.3	0.4
Otros	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.1
Camarón Fresco Refrigerado	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0
Langosta Fresca Refrigerada	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.2	0.2
Pescados y Mariscos Frescos	1.5	1.1	0.9	0.8	0.8	1.6	1.4	0.8	0.8	0.9
Otros	0.7	0.6	0.5	0.5	0.8	0.9	0.6	0.5	0.6	0.6
Alimentos, Bebidas y Tabaco	37.5	39.3	38.8	41.4	38.6	44.9	46.5	48.0	49.1	49.0
Abulón en Conserva	1.0	1.2	0.9	0.8	0.7	0.9	0.7	0.3	0.3	0.3
Ates y Mermeladas de Frutas	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Atún Congelado	0.5	0.1	0.1	0.0	0.5	0.5	0.4	0.3	0.2	0.0
Azúcar	1.3	0.1	0.0	0.0	1.3	3.4	1.9	0.8	0.2	0.1
Camarón Congelado	6.4	6.0	7.2	7.3	7.1	6.1	6.7	5.6	5.5	4.7
Cerveza	4.5	5.5	4.8	5.1	4.7	5.7	6.8	8.4	9.3	11.0
Café Tostado	1.1	0.7	0.8	1.2	1.0	1.1	1.3	1.0	0.7	0.5
Carnes de Ganado, Excepto Equino	0.2	0.5	0.4	0.5	0.5	1.2	1.7	1.6	1.6	1.9
Carnes de Ganado Equino	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Conservas de Pescados y Mariscos	0.3	0.3	0.2	0.2	0.2	0.5	0.5	0.3	0.3	0.2
Extractos Alcohólicos Concentrados	0.2	0.1	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1
Extractos de Café	0.1	0.3	0.3	0.4	0.7	0.5	1.1	1.3	1.3	1.2
Fresas Congeladas, con o sin Azúcar	0.8	0.7	0.6	0.7	0.8	0.4	0.4	0.4	0.6	0.5
Jugo de Naranja	1.2	0.3	0.6	1.1	1.4	1.0	0.7	1.3	0.8	0.6
Jugo de Piña	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Langosta Congelada	0.4	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1
Legumbres y Frutas Preparadas y/o en Conservas	6.6	7.4	6.5	6.4	4.7	5.0	5.1	5.4	5.7	5.0
Manteca de Cacao	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Mieles Incristalizables de Caña de Azúcar	0.1	0.0	0.1	0.2	0.4	0.4	0.1	0.1	0.0	0.0
Otros Jugos de Frutas	0.5	0.7	0.6	0.7	0.5	0.8	0.8	0.9	0.9	0.8
Pasta, Puré o Jugo de Tomate	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Piña en Almíbar o en Su Jugo	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tequila y Otros Aguardientes	2.7	3.4	3.4	3.4	2.7	3.3	3.6	4.1	4.0	5.7
Otros	8.7	11.0	11.2	12.5	10.7	13.4	14.0	15.3	17.1	15.8

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SECOFI e INEGI.

INSUMOS

CUADRO 53.1

México: Comercio internacional de insumos agrícolas

(Miles de pesos)

Año	Fungicidas			Herbicidas			Insecticidas		
	Importaciones	Exportaciones	Balanza Comercial	Importaciones	Exportaciones	Balanza Comercial	Importaciones	Exportaciones	Balanza Comercial
1982	1,114	500	-614	1,464	241	-1,223	1,706	1,368	-338
1989	11,161	2,541	-8,620	8,429	2,775	-5,664	13,492	9,518	-3,974
1990	15,935	1,952	-13,983	15,441	8,423	-7,018	10,238	3,539	-6,699
1991	24,224	2,282	-21,942	17,747	13,915	-3,832	14,734	3,007	-11,727
1992	31,959	2,270	-29,689	19,478	14,091	-5,387	15,728	2,054	-13,674
1993	33,906	2,607	-31,299	44,116	13,057	-31,059	18,604	4,825	-13,779
1994	44,524	3,107	-41,417	61,935	12,283	-49,652	36,663	5,238	-31,425
1995	36,471	3,230	-33,241	56,438	11,093	-45,345	46,231	0	-46,231
1996	45,374	4,107	-41,267	80,168	26,121	-54,047	52,429	8,205	-44,224
1997	55,947	2,922	-53,025	110,260	87,937	-22,323	65,758	7,046	-58,712
1998	56,764	4,507	-52,257	110,463	52,927	-57,536	60,533	13,862	-46,671

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 54.1

México: Oferta y demanda total de fertilizantes

(Toneladas)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción	Importaciones	(c = a+b)	Consumo	Exportaciones
	(a)	(b)	(c = d+e)	(d)	(e)
1961	103,517	87,000	190,517	190,517	0
1962	131,500	73,100	204,600	204,600	0
1963	171,000	97,000	268,000	268,000	0
1964	187,859	112,433	300,292	293,292	7,000
1965	201,478	130,861	332,339	330,339	2,000
1966	248,000	162,700	410,700	408,700	2,000
1967	362,416	68,258	430,674	429,160	1,514
1968	417,192	87,743	504,935	499,025	5,910
1969	554,167	48,510	602,677	561,217	41,460
1970	579,995	35,452	615,447	537,897	77,550
1971	627,430	75,398	702,828	614,965	87,863
1972	700,152	89,242	789,394	678,517	110,877
1973	781,986	94,759	876,745	778,026	98,719
1974	817,369	80,665	898,034	858,200	39,834
1975	863,698	209,714	1,073,412	1,072,422	990
1976	855,679	307,551	1,163,230	1,133,595	29,635
1977	893,253	228,599	1,121,852	1,046,487	75,365
1978	820,367	313,297	1,133,664	1,083,123	50,541
1979	868,541	331,118	1,199,659	1,151,846	47,813
1980	940,487	327,126	1,267,613	1,239,713	27,900
1981	1,113,630	461,073	1,574,703	1,565,691	9,012
1982	1,319,612	515,071	1,834,683	1,828,899	5,784
1983	1,303,094	232,938	1,536,032	1,449,432	86,600
1984	1,420,186	289,933	1,710,119	1,652,367	57,752
1985	1,572,500	326,500	1,899,000	1,891,800	7,200
1986	1,489,500	297,900	1,787,400	1,739,200	48,200
1987	1,707,785	148,660	1,856,445	1,776,903	79,542
1988	1,724,420	127,320	1,851,740	1,772,658	79,082
1989	1,945,400	122,100	2,067,500	1,900,400	167,100
1990	1,742,200	110,700	1,852,900	1,660,300	192,600
1991	1,941,700	80,400	2,022,100	1,652,200	369,900
1992	1,728,600	159,700	1,888,300	1,568,900	319,400
1993	1,584,100	391,300	1,975,400	1,739,400	236,000
1994	1,641,100	340,300	1,981,400	1,628,000	353,400
1995	1,737,000	125,000	1,862,000	1,151,000	711,000
1996	1,921,400	401,400	2,322,800	1,719,800	603,000
1997	1,756,700	564,100	2,320,800	1,643,730	677,070
1998	1,616,800	786,700	2,403,500	1,820,500	583,000

Fuente : Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviemnbre 2000.

CUADRO 54.2

México: Balance interno de fertilizantes

(Toneladas)

AÑO	Producción	Consumo	Balance interno
1961	103,517	191,000	-87,483
1962	131,500	203,600	-72,100
1963	171,000	279,000	-108,000
1964	187,859	288,158	-100,299
1965	201,478	336,886	-135,408
1966	248,000	396,900	-148,900
1967	362,416	430,626	-68,210
1968	417,192	498,671	-81,479
1969	554,167	560,798	-6,631
1970	579,995	537,721	42,274
1971	627,430	614,679	12,751
1972	700,152	679,171	20,981
1973	781,986	780,127	1,859
1974	817,369	864,487	-47,118
1975	863,698	1,073,464	-209,766
1976	855,679	1,120,262	-264,583
1977	893,253	1,067,732	-174,479
1978	820,367	1,066,615	-246,248
1979	868,541	1,134,400	-265,859
1980	940,487	1,237,913	-297,426
1981	1,113,630	1,560,985	-447,355
1982	1,319,612	1,824,532	-504,920
1983	1,303,094	1,485,700	-182,606
1984	1,420,186	1,660,600	-240,414
1985	1,572,500	1,714,100	-141,600
1986	1,489,500	1,825,600	-336,100
1987	1,707,785	1,862,440	-154,655
1988	1,724,420	1,743,000	-18,580
1989	1,945,400	1,739,900	205,500
1990	1,742,200	1,798,600	-56,400
1991	1,941,700	1,619,400	322,300
1992	1,728,600	1,616,000	112,600
1993	1,584,100	1,591,900	-7,800
1994	1,641,100	1,647,900	-6,800
1995	1,737,000	1,286,000	451,000
1996	1,921,400	1,636,400	285,000
1997	1,756,700	1,630,690	126,010
1998	1,616,800	1,705,700	-88,900

Fuente : Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviemnbre 2000.

CUADRO 54.3

México: Uso de fertilizantes por hectárea

(Kilogramos)

AÑO	Tierra arable y Cultivable1 Hectáreas	Fertilizantes (Toneladas)		Uso de fertilizantes		
		Producción	Consumo	Producción / Tierra arable y cultivable	Consumo aparente / Tierra arable y cultivable	Balance interno / Tierra arable y cultivable
1961	23,745,000	103,517	190,517	4.3595	8.0235	-3.6843
1962	23,680,000	131,500	204,600	5.5532	8.6402	-3.0448
1963	23,610,000	171,000	268,000	7.2427	11.3511	-4.5743
1964	23,550,000	187,859	293,292	7.9770	12.4540	-4.2590
1965	23,480,000	201,478	330,339	8.5808	14.0690	-5.7670
1966	23,415,000	248,000	408,700	10.5915	17.4546	-6.3592
1967	23,340,000	362,416	429,160	15.5277	18.3873	-2.9225
1968	23,270,000	417,192	499,025	17.9283	21.4450	-3.5015
1969	23,210,000	554,167	561,217	23.8762	24.1800	-0.2857
1970	23,138,000	579,995	537,897	25.0668	23.2473	1.8270
1971	23,280,000	627,430	614,965	26.9515	26.4160	0.5477
1972	23,420,000	700,152	678,517	29.8955	28.9717	0.8959
1973	23,560,000	781,986	778,026	33.1913	33.0232	0.0789
1974	23,690,000	817,369	858,200	34.5027	36.2263	-1.9889
1975	23,840,000	863,698	1,072,422	36.2289	44.9841	-8.7989
1976	23,990,000	855,679	1,133,595	35.6682	47.2528	-11.0289
1977	24,120,000	893,253	1,046,487	37.0337	43.3867	-7.2338
1978	24,260,000	820,367	1,083,123	33.8156	44.6465	-10.1504
1979	24,390,000	868,541	1,151,846	35.6105	47.2262	-10.9003
1980	24,530,000	940,487	1,239,713	38.3403	50.5386	-12.1250
1981	24,688,000	1,113,630	1,565,691	45.1081	63.4191	-18.1203
1982	24,799,000	1,319,612	1,828,899	53.2123	73.7489	-20.3605
1983	24,799,000	1,303,094	1,449,432	52.5462	58.4472	-7.3634
1984	24,800,000	1,420,186	1,652,367	57.2656	66.6277	-9.6941
1985	25,000,000	1,572,500	1,891,800	62.9000	75.6720	-5.6640
1986	25,500,000	1,489,500	1,739,200	58.4118	68.2039	-13.1804
1987	25,500,000	1,707,785	1,776,903	66.9720	69.6825	-6.0649
1988	25,700,000	1,724,420	1,772,658	67.0981	68.9750	-0.7230
1989	25,800,000	1,945,400	1,900,400	75.4031	73.6589	7.9651
1990	25,900,000	1,742,200	1,660,300	67.2664	64.1042	-2.1776
1991	26,000,000	1,941,700	1,652,200	74.6808	63.5462	12.3962
1992	26,200,000	1,728,600	1,568,900	65.9771	59.8817	4.2977
1993	26,700,000	1,584,100	1,739,400	59.3296	65.1461	-0.2921
1994	27,000,000	1,641,100	1,628,000	60.7815	60.2963	-0.2519
1995	27,300,000	1,737,000	1,151,000	63.6264	42.1612	16.5201
1996	27,300,000	1,921,400	1,719,800	70.3810	62.9963	10.4396
1997	27,300,000	1,756,700	1,643,730	64.3480	60.2099	4.6158
1998	27,300,000	1,616,800	1,820,500	59.2234	66.6850	-3.2564

1 Se considera como superficie arable, las tierras bajo cultivo temporal, praderas para corte o pastoreo, huertas comerciales y tierras temporales de barbecho; además se toma como tierras permanentes la que se ocupan por períodos y no necesitan ser replansidera después de cada cosecha; el total de ambos tipos es el que se reporta como tierra arable y cultivable.

Fuente : Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviemnbre 2000.

CUADRO 54.4

México: Oferta y demanda total de fertilizantes

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Producción	Importaciones	(c = a+b)	Consumo	Exportaciones
	(a)	(b)	(c = d+e)	(d)	(e)
1961	54.33	45.67	100.00	100.00	0.00
1962	64.27	35.73	100.00	100.00	0.00
1963	63.81	36.19	100.00	100.00	0.00
1964	62.56	37.44	100.00	97.67	2.33
1965	60.62	39.38	100.00	99.40	0.60
1966	60.38	39.62	100.00	99.51	0.49
1967	84.15	15.85	100.00	99.65	0.35
1968	82.62	17.38	100.00	98.83	1.17
1969	91.95	8.05	100.00	93.12	6.88
1970	94.24	5.76	100.00	87.40	12.60
1971	89.27	10.73	100.00	87.50	12.50
1972	88.69	11.31	100.00	85.95	14.05
1973	89.19	10.81	100.00	88.74	11.26
1974	91.02	8.98	100.00	95.56	4.44
1975	80.46	19.54	100.00	99.91	0.09
1976	73.56	26.44	100.00	97.45	2.55
1977	79.62	20.38	100.00	93.28	6.72
1978	72.36	27.64	100.00	95.54	4.46
1979	72.40	27.60	100.00	96.01	3.99
1980	74.19	25.81	100.00	97.80	2.20
1981	70.72	29.28	100.00	99.43	0.57
1982	71.93	28.07	100.00	99.68	0.32
1983	84.84	15.16	100.00	94.36	5.64
1984	83.05	16.95	100.00	96.62	3.38
1985	82.81	17.19	100.00	99.62	0.38
1986	83.33	16.67	100.00	97.30	2.70
1987	91.99	8.01	100.00	95.72	4.28
1988	93.12	6.88	100.00	95.73	4.27
1989	94.09	5.91	100.00	91.92	8.08
1990	94.03	5.97	100.00	89.61	10.39
1991	96.02	3.98	100.00	81.71	18.29
1992	91.54	8.46	100.00	83.09	16.91
1993	80.19	19.81	100.00	88.05	11.95
1994	82.83	17.17	100.00	82.16	17.84
1995	93.29	6.71	100.00	61.82	38.18
1996	82.72	17.28	100.00	74.04	25.96
1997	75.69	24.31	100.00	70.83	29.17
1998	67.27	32.73	100.00	75.74	24.26

Fuente : Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviemnbre 2000.

CUADRO 55.1

México: Oferta y demanda total de tractores1

(Unidades)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Disponibilidad nacional	Importaciones	(c = a+b)	En servicio	Exportaciones
	(a)	(b)	(c = d+e)	(d)	(e)
1961	56,000	5,339	61,339	61,268	71
1962	60,000	5,470	65,470	65,436	34
1963	64,000	6,672	70,672	70,637	35
1964	68,000	9,815	77,815	77,805	10
1965	72,000	5,690	77,690	77,650	40
1966	76,000	5,500	81,500	81,469	31
1967	80,150	16,000	96,150	96,112	38
1968	83,900	23,000	106,900	106,836	64
1969	87,600	20,000	107,600	107,557	43
1970	91,354	25,000	116,354	116,343	11
1971	92,800	20,000	112,800	112,779	21
1972	94,300	24,000	118,300	118,280	20
1973	95,700	29,000	124,700	124,675	25
1974	97,200	35,000	132,200	132,163	37
1975	98,700	69,705	168,405	168,290	115
1976	100,100	14,157	114,257	114,232	25
1977	101,611	9,455	111,066	110,770	296
1978	108,259	16,124	124,383	124,254	129
1979	114,000	20,434	134,434	134,204	230
1980	115,057	7,900	122,957	122,795	162
1981	143,078	10,000	153,078	152,638	440
1982	146,083	7,357	153,440	153,057	383
1983	152,319	7,500	159,819	159,474	345
1984	155,000	8,000	163,000	162,650	350
1985	157,000	11,162	168,162	167,506	656
1986	160,000	10,000	170,000	169,320	680
1987	163,000	6,984	169,984	169,391	593
1988	165,000	8,590	173,590	172,990	600
1989	168,000	11,900	179,900	179,420	480
1990	170,000	13,800	183,800	183,230	570
1991	172,000	13,500	185,500	185,440	60
1992	172,000	11,000	183,000	182,938	62
1993	172,000	7,350	179,350	178,960	390
1994	172,000	9,384	181,384	178,488	2,896
1995	172,000	1,682	173,682	168,349	5,333
1996	172,000	7,626	179,626	174,841	4,785
1997	172,000	4,009	176,009	168,909	7,100
1998	172,000	14,162	186,162	180,662	5,500

1 El número total de tractores considera los de ruedas y de oruga, se excluyen los tractores hortícolas.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 55.2

México: Balance interno de tractores1

(Unidades)

AÑO	Disponibilidad nacional	En servicio	Balance interno
1961	56,000	61268	-5,268
1962	60,000	65436	-5,436
1963	64,000	70637	-6,637
1964	68,000	77805	-9,805
1965	72,000	77650	-5,650
1966	76,000	81469	-5,469
1967	80,150	96112	-15,962
1968	83,900	106836	-22,936
1969	87,600	107557	-19,957
1970	91,354	116343	-24,989
1971	92,800	112779	-19,979
1972	94,300	118280	-23,980
1973	95,700	124675	-28,975
1974	97,200	132163	-34,963
1975	98,700	168290	-69,590
1976	100,100	114232	-14,132
1977	101,611	110770	-9,159
1978	108,259	124254	-15,995
1979	114,000	134204	-20,204
1980	115,057	122795	-7,738
1981	143,078	152638	-9,560
1982	146,083	153057	-6,974
1983	152,319	159474	-7,155
1984	155,000	162650	-7,650
1985	157,000	167506	-10,506
1986	160,000	169320	-9,320
1987	163,000	169391	-6,391
1988	165,000	172990	-7,990
1989	168,000	179420	-11,420
1990	170,000	183230	-13,230
1991	172,000	185440	-13,440
1992	172,000	182938	-10,938
1993	172,000	178960	-6,960
1994	172,000	178488	-6,488
1995	172,000	168349	3,651
1996	172,000	174841	-2,841
1997	172,000	168909	3,091
1998	172,000	180,662	-8,662

1 El número total de tractores considera los de ruedas y de oruga, se excluyen los tractores hortícolas.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 55.3

México: Utilización de tractores

(Unidades)

AÑO	Tierra arable y Cultivable1 Hectáreas	Disponibilida nacional	En servicio	Uso de tractores		
				Disponibilidad nacional / Tierra arable y cultivable	En servicio / Tierra arable y cultivable	Balance interno / tierra arable y cultivable
1961	23,745,000	56,000	61,268	424.0179	387.5596	-4507.4032
1962	23,680,000	60,000	65,436	394.6667	361.8803	-4356.1442
1963	23,610,000	64,000	70,637	368.9063	334.2441	-3557.3301
1964	23,550,000	68,000	77,805	346.3235	302.6798	-2401.8358
1965	23,480,000	72,000	77,650	326.1111	302.3825	-4155.7522
1966	23,415,000	76,000	81,469	308.0921	287.4099	-4281.4043
1967	23,340,000	80,150	96,112	291.2040	242.8417	-1462.2228
1968	23,270,000	83,900	106,836	277.3540	217.8105	-1014.5623
1969	23,210,000	87,600	107,557	264.9543	215.7926	-1163.0005
1970	23,138,000	91,354	116,343	253.2785	198.8775	-925.9274
1971	23,280,000	92,800	112,779	250.8621	206.4214	-1165.2235
1972	23,420,000	94,300	118,280	248.3563	198.0047	-976.6472
1973	23,560,000	95,700	124,675	246.1860	188.9713	-813.1148
1974	23,690,000	97,200	132,163	243.7243	179.2484	-677.5734
1975	23,840,000	98,700	168,290	241.5400	141.6602	-342.5780
1976	23,990,000	100,100	114,232	239.6603	210.0112	-1697.5658
1977	24,120,000	101,611	110,770	237.3759	217.7485	-2633.4753
1978	24,260,000	108,259	124,254	224.0922	195.2452	-1516.7240
1979	24,390,000	114,000	134,204	213.9474	181.7382	-1207.1867
1980	24,530,000	115,057	122,795	213.1987	199.7638	-3170.0698
1981	24,688,000	143,078	152,638	172.5492	161.7422	-2582.4268
1982	24,799,000	146,083	153,057	169.7597	162.0246	-3555.9220
1983	24,799,000	152,319	159,474	162.8096	155.5050	-3465.9679
1984	24,800,000	155,000	162,650	160.0000	152.4746	-3241.8301
1985	25,000,000	157,000	167,506	159.2357	149.2484	-2379.5926
1986	25,500,000	160,000	169,320	159.3750	150.6024	-2736.0515
1987	25,500,000	163,000	169,391	156.4417	150.5393	-3989.9859
1988	25,700,000	165,000	172,990	155.7576	148.5635	-3216.5207
1989	25,800,000	168,000	179,420	153.5714	143.7967	-2259.1944
1990	25,900,000	170,000	183,230	152.3529	141.3524	-1957.6720
1991	26,000,000	172,000	185,440	151.1628	140.2071	-1934.5238
1992	26,200,000	172,000	182,938	152.3256	143.2179	-2395.3191
1993	26,700,000	172,000	178,960	155.2326	149.1954	-3836.2069
1994	27,000,000	172,000	178,488	156.9767	151.2707	-4161.5290
1995	27,300,000	172,000	168,349	158.7209	162.1631	7477.4035
1996	27,300,000	172,000	174,841	158.7209	156.1419	-9609.2925
1997	27,300,000	172,000	168,909	158.7209	161.6255	8832.0932
1998	27,300,000	172,000	180,662	158.7209	151.1109	-3151.6971

1 Se considera como superficie arable, las tierras bajo cultivo temporal, praderas para corte o pastoreo, huertas comerciales y tierras temporales de barbecho; además se toma como tierras permanentes la que se ocup por períodos y no necesitan ser replantados después de cada cosecha; el total de ambos tipos es el que se reporta como tierra arable y cultivable.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 55.4

México: Oferta y demanda total de tractores

(Porcentaje)

AÑO	OFERTA		OFERTA = DEMANDA	DEMANDA	
	Disponibilidad nacional	Importaciones	(c = a+b)	En servicio	Exportaciones
	(a)	(b)	(c = d+e)	(d)	(e)
1961	91.30	8.70	100.00	99.88	0.12
1962	91.65	8.35	100.00	99.95	0.05
1963	90.56	9.44	100.00	99.95	0.05
1964	87.39	12.61	100.00	99.99	0.01
1965	92.68	7.32	100.00	99.95	0.05
1966	93.25	6.75	100.00	99.96	0.04
1967	83.36	16.64	100.00	99.96	0.04
1968	78.48	21.52	100.00	99.94	0.06
1969	81.41	18.59	100.00	99.96	0.04
1970	78.51	21.49	100.00	99.99	0.01
1971	82.27	17.73	100.00	99.98	0.02
1972	79.71	20.29	100.00	99.98	0.02
1973	76.74	23.26	100.00	99.98	0.02
1974	73.52	26.48	100.00	99.97	0.03
1975	58.61	41.39	100.00	99.93	0.07
1976	87.61	12.39	100.00	99.98	0.02
1977	91.49	8.51	100.00	99.73	0.27
1978	87.04	12.96	100.00	99.90	0.10
1979	84.80	15.20	100.00	99.83	0.17
1980	93.57	6.43	100.00	99.87	0.13
1981	93.47	6.53	100.00	99.71	0.29
1982	95.21	4.79	100.00	99.75	0.25
1983	95.31	4.69	100.00	99.78	0.22
1984	95.09	4.91	100.00	99.79	0.21
1985	93.36	6.64	100.00	99.61	0.39
1986	94.12	5.88	100.00	99.60	0.40
1987	95.89	4.11	100.00	99.65	0.35
1988	95.05	4.95	100.00	99.65	0.35
1989	93.39	6.61	100.00	99.73	0.27
1990	92.49	7.51	100.00	99.69	0.31
1991	92.72	7.28	100.00	99.97	0.03
1992	93.99	6.01	100.00	99.97	0.03
1993	95.90	4.10	100.00	99.78	0.22
1994	94.83	5.17	100.00	98.40	1.60
1995	99.03	0.97	100.00	96.93	3.07
1996	95.75	4.25	100.00	97.34	2.66
1997	97.72	2.28	100.00	95.97	4.03
1998	92.39	7.61	100.00	97.05	2.95

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SISTEMAS HIDRÁULICOS

CUADRO 56.1

México: Superficie de riego incorporada a la producción

(Miles de hectáreas)

Año	TOTAL	Nueva			Rehabilitada, modernizada y mejorada		
		Total	Grande irrigación	Pequeña irrigación	Total	Grande irrigación	Pequeña irrigación
1973	106.1	36.7	18.0	18.7	69.5	63.5	6.0
1974	122.0	48.1	31.5	16.7	73.9	58.2	15.6
1975	177.8	111.8	45.0	66.8	66.0	50.9	15.1
1976	114.1	85.9	48.8	37.1	28.3	23.5	4.7
1977	177.6	126.6	85.7	40.9	51.0	48.7	2.3
1978	148.2	99.9	55.0	44.9	48.3	44.2	4.1
1979	291.2	202.8	109.5	93.4	88.3	80.3	8.0
1980	202.7	89.0	45.2	43.8	113.7	110.1	3.6
1981	288.1	146.1	70.2	75.8	142.1	139.2	2.9
1982	169.5	109.7	48.9	60.8	59.9	54.0	5.9
1983	139.8	97.2	39.3	57.9	42.7	40.6	2.1
1984	157.1	98.4	57.4	41.0	58.7	51.7	7.0
1985	129.9	66.7	27.1	39.6	63.1	56.1	7.0
1986	78.2	46.3	26.6	19.7	31.9	31.9	0.0
1987	92.2	77.5	16.4	61.0	14.7	7.4	7.4
1988	30.6	27.8	4.1	23.7	2.8	1.8	1.0
1989	56.1	21.1	6.1	15.0	35.0	11.0	24.0
1990	81.8	38.0	20.2	17.8	43.8	39.2	4.6
1991	203.3	39.0	31.6	7.4	164.3	145.4	18.9
1992	208.4	32.1	27.3	4.8	176.3	144.4	31.9
1993	113.3	13.7	11.1	2.6	99.6	92.3	7.3
1994	127.2	10.9	7.9	3.0	116.3	105.5	10.8
1995	69.5	5.3	2.8	2.5	64.2	53.4	10.8
1996	48.1	9.8	6.5	3.3	38.3	26.8	11.5
1997	102.5	5.3	2.5	2.8	97.2	96.5	0.7
1998	198.2	6.3	4.5	1.8	191.9	131.6	60.3
1999	106.0	9.1	4.5	4.6	96.8	69.1	27.8

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos del 5° Informe de Gobierno, 1999; Comisión Nacional de Agua, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 56.2

México: Precipitación pluvial por entidad federativa

(Milímetros)

Entidad federativa	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Aguascalientes	504.5	531.6	684.7	439.1	793.3	573.6	608.6	464.4	448.0	462.1	379.6	322.7	358.7	303.4
Baja California	46.2	80.8	48.0	66.1	67.4	73.1	116.1	272.7	155.3	329.0	137.6	182.5	318.4	98.9
Baja California Sur	87.8	109.7	27.3	122.4	152.8	49.0	133.7	353.2	243.4	155.3	159.9	267.9	240.6	59.8
Campeche	1,119.5	1,371.3	1,777.3	1,330.5	1,268.4	1,140.7	1,176.6	1,267.1	1,317.8	1,639.5	1,270.3	1,411.7	1,291.1	1,458.3
Coahuila	576.2	599.9	362.8	272.5	577.9	433.8	589.6	316.7	320.7	351.4	328.4	417.2	326.2	344.1
Colima	1,145.0	752.1	719.9	1,274.0	995.9	599.4	1,308.1	1,262.1	705.6	624.1	906.6	692.3	946.6	1,070.2
Chiapas	1,078.0	1,188.2	1,410.1	1,292.2	1,215.8	1,063.1	1,208.1	2,103.7	1,723.3	2,104.6	1,522.4	1,475.6	1,662.4	2,078.4
Chihuaha	694.2	532.4	347.7	340.5	592.0	512.4	451.5	536.8	477.5	347.4	439.9	456.4	271.3	239.0
Distrito Federal	726.3	709.4	1,068.7	649.5	933.8	1,127.7	985.1	744.5	1,022.1	961.2	619.9	777.9	768.0	675.7
Durango	639.5	509.0	386.1	448.9	536.3	584.0	494.1	494.7	373.0	317.6	442.3	393.2	269.6	275.2
Guanajuato	741.6	595.0	700.2	653.5	910.5	699.7	878.5	734.2	530.6	598.7	567.0	469.9	724.0	439.3
Guerrero	928.2	1,035.2	1,318.0	1,221.2	886.0	674.5	1,006.6	1,059.8	698.2	863.6	1,000.7	823.7	923.2	951.4
Hidalgo	681.3	580.4	725.6	652.7	769.6	627.9	886.9	774.0	718.2	753.5	540.0	586.6	759.1	740.0
Jalisco	906.3	838.2	748.5	856.0	958.2	781.2	1,276.6	899.9	550.5	513.0	598.0	580.1	720.5	692.2
México	770.6	748.8	815.3	661.9	822.0	868.2	941.7	605.8	554.5	611.4	569.7	540.4	572.8	567.2
Michocán	903.3	844.8	984.4	821.9	970.1	721.8	951.0	903.0	367.3	570.8	632.7	458.7	736.9	739.9
Morelos	884.9	984.1	1,037.7	951.4	1,391.8	1,362.5	1,303.1	932.3	697.9	1,116.4	890.0	711.5	1,066.3	1,135.5
Nayarit	814.0	912.2	819.6	1,063.8	1,120.9	872.8	1,067.1	1,309.4	1,231.4	1,091.7	972.1	1,213.7	1,412.5	1,361.4
Nuevo León	599.6	669.1	713.3	368.8	762.3	601.4	687.8	663.2	560.0	580.9	413.3	547.7	421.8	451.4
Oaxaca	801.3	847.2	1,045.5	953.5	918.9	953.1	715.5	1,652.8	1,430.3	1,922.5	1,323.1	1,286.7	1,821.0	1,960.9
Puebla	969.1	979.7	897.7	977.5	1,109.6	1,216.6	1,034.9	1,505.1	1,302.3	2,135.0	1,616.4	1,423.2	1,894.7	2,138.8
Querétaro	684.2	588.2	667.1	566.7	818.9	726.9	973.9	670.0	403.9	567.8	367.3	496.7	504.9	251.3
Quintana Roo	1,089.7	926.7	1,483.5	1,134.0	1,355.3	965.3	1,285.2	1,592.0	1,219.9	1,515.0	1,132.1	1,265.3	1,748.7	1,446.4
San Luis Potosi	618.9	745.1	956.4	499.2	543.4	729.1	663.3	1,149.9	851.5	789.6	782.8	764.3	826.1	632.5
Sinaloa	857.3	435.3	663.7	728.2	720.5	778.3	725.2	744.5	744.9	490.8	675.9	670.6	614.8	554.8
Sonora	347.1	254.6	336.9	296.3	415.3	346.3	438.1	559.4	513.0	327.1	327.0	395.6	346.7	265.3
Tabasco	1,514.5	1,848.5	2,436.1	1,821.0	1,722.1	1,872.9	1,624.1	2,088.5	2,170.9	3,266.9	1,996.2	2,134.7	1,956.1	2,476.0
Tamaulipas	696.0	765.5	978.8	617.8	821.2	931.1	928.9	936.7	720.4	723.3	465.3	808.5	696.3	715.2
Tlaxcala	711.2	919.9	752.5	739.6	820.7	626.2	1,071.4	655.8	984.7	1,132.1	726.9	712.9	724.9	894.1
Veracrúz	1,408.1	1,451.0	1,713.3	1,487.4	1,087.9	1,721.7	1,560.9	1,644.0	1,231.5	1,472.4	1,304.3	1,550.3	1,752.7	1,929.6
Yucatán	972.2	921.0	1,423.1	962.6	1,086.4	1,025.3	1,143.9	1,236.4	1,193.7	909.9	747.9	834.7	1,057.4	1,220.1
Zacatecas	674.8	779.7	547.6	421.4	705.8	624.2	534.7	438.1	573.1	499.2	482.3	424.1	472.0	416.3
Total Nacional [1]	**750.0**	**694.2**	**735.4**	**639.6**	**773.6**	**707.0**	**747.5**	**859.6**	**714.9**	**787.8**	**664.6**	**692.0**	**741.2**	**754.1**

[1] Promedio ponderado

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la Semarnap, Comisión Nacional del Agua , Noviembre del 2000.

CUADRO 57.1

México: Distritos de riego en la zona centro, disponibilidad

(Millones de metros cúbicos)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
DISTRITO :PABELLÓN,AGS.																				
CALLES	50.3	12.0	13.0	14.8	51.9	56.2	96.1	79.2	75.3	34.4	100.6	171.3	275.7	212.8	145.6	114.5	113.6	89.2	46.0	33.3
CINCUENTA ANIVERSARIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.0	1.9	2.7
DISTRITO :ALTO RIO LERMA,GTO.																				
LA PURISIMA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7	10.3	13.1	7.4
SOLÍS	234.1	412.0	408.6	240.8	540.6	506.4	440.4	167.1	291.8	222.8	598.0	495.5	596.5	611.2	533.9	337.9	192.3	218.3	395.0	517.0
TEPUXTEPEC	102.9	141.0	261.7	121.7	263.1	319.1	367.3	210.4	236.2	150.7	360.5	314.7	361.6	342.4	333.3	368.0	347.3	229.3	246.9	319.2
YURIRIA	70.2	42.0	30.8	3.3	95.5	65.4	84.0	45.1	72.2	18.2	42.7	76.2	103.4	94.1	65.6	26.8	9.0	1.5	23.0	30.7
DISTRITO :LA BEGOÑA,GTO.																				
IGNACIO ALLENDE	19.6	33.0	27.2	6.6	92.8	85.4	109.8	50.8	99.6	69.1	132.5	111.3	104.9	49.3	32.4	35.5	30.3	20.9	64.7	89.1
ISIDRO G. OROZCO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.6	3.4	0.4
DISTRITO :PEÑUELITAS, GTO.																				
PEÑUELITAS	3.6	4.0	9.2	1.7	19.9	18.8	19.7	13.5	18.0	11.2	21.5	19.4	18.3	14.0	8.3	10.9	10.9	6.8	8.3	9.3
DISTRITO :ALFAJAYUCAN HGO.																				
LA PEÑA (R.GÓMEZ)	0.0	41.0	38.3	12.7	25.6	32.5	34.3	15.7	23.9	30.8	42.3	27.9	31.9	23.5	27.0	28.7	24.5	30.5	19.2	23.9
VICENTE AGUIRRE	0.0	11.0	8.2	1.6	4.4	7.3	3.1	3.4	2.4	3.9	9.4	11.2	11.7	8.1	7.0	8.1	7.0	5.4	4.5	6.7
DISTRITO :TULA,HGO.																				
ENDÓ	136.7	137.0	133.0	117.1	120.4	135.4	134.9	91.2	96.8	126.8	125.7	111.4	126.8	112.0	111.0	102.6	98.7	130.8	86.3	91.1
REQUENA	42.4	51.0	47.4	21.6	44.1	52.0	29.2	15.1	24.9	26.4	52.5	39.0	42.0	27.9	30.6	28.9	19.1	18.9	21.8	36.3
TAXHIMAY	42.8	43.0	42.8	24.6	42.8	42.8	42.8	29.1	26.0	26.3	42.8	38.3	35.9	35.7	37.8	33.9	29.5	27.2	22.1	36.5
DISTRITO :TULANCINGO,HGO.																				
LA ESPERANZA	1.7	1.0	1.5	0.0	0.3	1.4	1.9	0.9	1.5	1.9	1.8	1.6	2.1	1.5	1.6	1.3	0.7	0.5	0.4	0.8
DISTRITO :TOMATLÁN,JAL.																				
CAJON DE PEÑA	347.1	445.0	485.1	410.9	443.4	404.5	454.2	336.3	421.7	483.1	425.1	310.4	413.9	385.9	341.9	347.1	332.6	368.9	368.9	392.9
DISTRITO :EDO. DE JALISCO NORTE																				
CAJITITLÁN	8.8	7.0	6.7	6.9	14.7	18.1	32.8	29.2	44.9	29.7	25.6	25.6	26.8	27.7	27.7	28.5	20.8	18.4	8.3	5.3
CHILA	0.3	1.0	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.4	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4
COATEPEC	1.3	2.0	0.5	1.5	1.5	1.4	1.5	1.4	1.2	1.5	1.1	0.9	1.3	1.0	1.1	1.1	1.0	1.2	1.0	1.0
CUARENTA	9.5	5.0	9.3	4.5	16.1	23.7	27.0	17.6	24.8	10.7	28.4	25.5	23.8	21.1	15.7	15.5	16.6	13.7	12.7	18.1
EL LLANO	0.3	1.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
EL TRIGO	3.7	4.0	2.7	3.7	3.3	1.7	3.9	3.5	2.2	2.8	4.0	2.9	3.6	2.8	2.7	3.1	2.8	3.5	3.0	2.4
ESTRIBÓN	3.0	4.0	4.0	2.8	5.6	5.6	5.5	5.4	5.4	4.3	5.9	5.0	4.8	5.1	5.2	4.9	4.6	4.9	4.0	5.0
LA COLONIA	1.4	4.0	2.7	2.9	4.3	3.8	3.0	4.3	4.6	2.2	4.6	3.8	4.4	4.0	2.6	3.2	3.6	3.0	3.1	1.8
LAGUNA COLORADA	6.2	14.0	7.7	9.8	10.2	5.6	9.3	7.8	9.3	10.0	11.6	8.5	9.6	9.2	8.1	7.6	6.6	8.9	7.1	6.8
LAS QUEMADAS	1.0	1.0	0.8	1.1	1.1	0.7	1.1	0.9	1.1	1.1	0.7	0.7	1.0	0.8	0.2	0.4	0.7	1.0	4.4	1.0
LIC. S. CAMARENA	37.4	44.0	32.5	44.0	43.6	32.2	41.0	34.2	37.4	31.9	44.0	36.5	40.0	38.5	34.1	34.1	32.3	39.4	31.2	36.1
MEXTICACÁN	0.7	1.0	0.6	0.7	1.3	1.0	0.8	0.8	0.9	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.5	0.1
PALO VERDE	3.5	4.0	3.2	3.9	4.0	1.0	1.6	2.0	4.0	4.0	4.0	2.8	3.5	2.9	2.1	1.9	1.1	1.2	1.8	0.9
SAN ANDRES	1.9	3.0	1.6	3.1	2.5	2.0	2.2	2.4	1.9	2.8	3.0	2.2	2.4	2.2	2.0	1.5	1.7	2.2	2.0	1.8
SAN MIGUEL EL ALTO	2.5	3.0	2.2	2.4	2.5	2.3	2.6	2.3	2.4	2.6	2.7	2.7	2.7	2.7	2.7	2.3	1.8	2.2	1.8	2.2
SANTA ROSALIA	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.2
TENASCO	4.5	3.0	1.1	0.9	1.6	1.8	4.6	2.8	2.4	0.7	10.0	9.1	8.6	6.0	3.3	2.6	2.6	2.5	2.2	2.2
VILLA GUERRERO	0.9	2.0	1.4	0.9	1.4	1.5	2.0	2.1	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.3	1.8	1.8	1.0	1.6
VOLANTÍN	3.1	3.0	2.6	0.1	6.9	4.1	9.4	5.6	7.7	0.5	3.3	6.2	11.8	1.5	8.7	5.1	1.7	2.2	1.8	1.1
LUGO ZANABRIA (LA POLVORA)																				33.3
DISTRITO: ESTADO DE JALISCO SUR																				
HURTADO	6.9	16.0	8.4	10.4	18.3	16.7	10.0	9.9	18.1	6.0	10.7	11.7	17.8	13.8	5.3	4.8	10.6	14.3	8.6	9.5
TACOTÁN	77.5	124.0	107.4	72.0	70.4	69.3	128.8	115.6	105.6	65.8	114.9	95.7	131.0	108.1	89.7	90.1	116.7	133.6	100.4	112.2
TRIGOMIL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.3	151.2	149.4	132.8
DISTRITO :ESTADO DE MEXICO																				
EL MOLINO	1.8	2.0	5.0	0.3	4.0	2.6	4.5	0.0	6.4	3.7	6.2	5.3	4.6	2.8	3.3	3.3	2.5	0.9	2.8	2.6
EL MORTERO	0.6	1.0	0.6	0.3	0.6	0.6	0.6	0.6	0.6	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0		
EL TIGRE	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
HUAPANGO	23.7	19.0	19.7	3.8	50.4	35.9	11.4	0.0	15.5	9.5	30.6	38.6	64.9	40.6	19.5	20.1	11.1	4.2	17.3	28.7
OTROS VASOS AUXILIARES	0.9	1.0	2.0	0.4	3.1	1.6	1.6	0.6	2.0	1.8	5.0	4.1	4.5	4.0	3.4	2.0	1.2	1.1	1.4	1.9
TEPETITLÁN	53.6	67.0	66.0	52.1	66.9	67.3	63.2	67.2	31.6	36.6	67.3	57.8	59.3	57.5	55.6	56.1	58.1	51.4	44.0	53.7
TRINIDAD FABELA	5.6	6.0	4.6	2.3	5.2	4.6	5.8	5.7	6.5	5.5	6.8	5.3	6.0	4.6	3.4	3.3	3.4	3.3	2.7	3.9
ÑADÓ	10.2	12.0	11.0	2.5	13.1	12.2	12.4	4.9	12.9	7.9	13.1	10.9	11.3	10.4	10.6	10.4	6.9	7.1	5.5	8.2

Fuente: Elaborado por el CEFP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 57.1 (segunda parte)

México: Distritos de riego en la zona centro, disponibilidad

(Millones de metros cúbicos)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
DISTRITO :JILOTEPEC, MEX.																				
DANXHO	27.1	16.0	25.0	8.3	28.5	27.6	14.8	14.0	11.9	11.4	30.4	26.5	27.8	23.8	21.8	21.3	19.3	19.6	15.8	21.5
DISTRITO :LA CONCEPCIÓN,MEX.																				
LA CONCEPCIÒN	9.1	9.0	10.6	5.2	8.6	10.2	5.5	7.4	7.2	8.9	11.8	9.1	9.6	9.4	8.9	9.0	8.4	8.5	6.5	8.5
DISTRITO :CIENEGA DE CHAPALA,MICH.																				
BARRAJE IBARRA	16.5	22.0	8.0	21.0	11.8	7.3	11.5	4.8	9.3	4.0	12.6	12.6	12.6	12.6	12.6	10.1	8.1	8.4	5.4	9.6
GUARACHA	25.1	31.0	17.6	11.3	35.5	30.4	29.8	5.5	8.4	4.6	15.0	11.6	29.3	21.9	12.9	12.9	13.6	9.4	12.4	12.5
JARIPO	9.7	6.0	7.7	3.2	9.2	9.4	8.7	6.3	8.1	3.2	5.0	3.3	6.0	5.1	2.8	3.7	3.9	3.9	3.3	3.8
TARECUATO	1.1	1.0	1.1	1.1	1.2	1.1	0.6	1.1	0.6	0.3	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	1.0	1.1
DISTRITO :GRAL. L. CÁRDENAS,MICH.(5)																				
CONSTITUCIÓN APATZINGÁN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336.5	277.0	272.7	334.8
JOSE MA.MORELOS Y PAVÓN	87.0	87.0	87.0	87.0	87.0	87.0	174.6	108.8	176.0	143.7	155.4	158.3	171.1	174.2	170.3	180.4	294.2	297.6	299.4	169.8
LOS OLIVOS	11.7	15.0	14.9	1.9	17.7	16.0	17.1	17.2	18.2	19.9	9.9	9.9	17.7	16.9	13.9	16.3	13.2	14.6	15.6	16.6
ZICUIRÁN	29.2	34.0	29.9	6.2	31.1	29.4	32.6	30.1	33.9	35.2	37.0	23.2	30.9	26.3	22.2	24.3	25.4	23.7	21.2	27.8
DISTRITO :MORELIA Y QUERENDARO,MICH.																				
COINTZIO	77.1	72.0	72.8	49.3	62.3	61.1	57.4	33.6	69.3	44.8	69.9	63.2	71.1	69.1	57.9	55.0	61.7	63.6	61.4	67.1
LAGUNA DEL FRESNO	6.3	11.0	10.4	5.8	12.0	11.5	12.6	11.4	10.9	6.9	12.8	9.2	10.3	8.9	8.4	8.4	7.3	5.5	4.7	4.8
MALPAÍS	19.1	20.0	16.9	15.8	17.4	17.9	19.7	20.3	20.3	20.6	22.0	14.0	15.5	13.4	17.9	13.5	12.0	13.4	11.1	13.8
TERCER MUNDO	15.6	17.0	16.5	9.5	16.5	15.6	16.5	16.5	16.5	15.6	16.5	11.1	14.0	11.2	10.3	10.4	10.6	6.8	6.3	7.3
DISTRITO :QUITUPAN-LA MAGDALENA,MICH																				
SAN JUANICO	21.1	14.0	10.4	7.2	25.4	25.7	24.0	13.5	22.5	12.9	19.6	15.7	36.0	31.8	27.6	22.1	15.9	13.2	16.1	18.2
VICENTE C.VILLASEÑOR	6.2	11.0	9.7	5.0	12.9	11.9	12.9	11.7	11.9	4.2	11.7	6.8	11.9	10.9	8.6	7.2	7.1	9.2	9.5	6.9
DISTRITO :ROSARIO-MEZQUITE,MICH.																				
GONZALO	5.4	8.0	8.1	4.5	9.0	6.5	8.6	7.1	8.0	3.6	6.0	2.6	3.8	3.3	2.8	3.1	2.7	1.0	3.2	3.4
MELCHOR OCAMPO	81.4	148.0	155.1	113.3	164.8	136.6	185.0	128.1	185.0	137.4	159.8	105.1	155.4	122.5	90.2	72.6	60.8	71.5	74.8	101.3
DISTRITO :TUXPAN,MICH.																				
AGOSTITLÁN	15.5	16.0	15.5	15.4	15.5	15.5	15.5	10.9	15.5	15.5	15.5	11.2	13.9	11.7	12.5	12.7	12.3	13.1	10.9	10.8
PUCUATO	10.8	11.0	10.8	10.8	10.8	10.8	10.8	10.4	10.8	8.2	10.8	8.1	10.0	9.8	9.4	9.7	8.8	9.0	6.5	6.5
SABANETA	5.1	5.0	5.3	4.6	5.4	5.4	5.4	1.6	3.6	2.8	5.4	4.5	4.9	4.8	5.0	5.0	4.3	2.2	3.9	4.7
DISTRITO :ZACAPU,MICH.																				
COPÁNDARO	0.0	3.0	2.0	0.0	0.5	2.4	3.3	0.6	2.1	0.6	4.0	2.9	2.5	2.7	1.8	0.7	1.7	2.0	2.4	3.0
DISTRITO :ZAMORA, MICH.																				
UREPETIRO	10.0	10.0	7.6	3.5	10.7	9.4	10.0	7.3	10.4	10.1	10.5	7.4	7.7	7.0	7.1	7.1	6.8	7.6	6.0	8.1
DISTRITO :ESTADO DE MORELOS																				
EL RODEO	6.7	12.0	16.1	4.9	6.7	8.4	5.2	8.9	10.1	9.3	11.9	7.2	6.4	6.2	6.6	11.1	9.2	7.2	10.2	12.1
DISTRITO :VALSEQUILLO, PUE.																				
M.A. CAMACHO	186.4	153.0	267.9	143.2	150.3	252.8	116.3	82.6	155.5	144.8	135.9	139.3	193.7	197.4	199.6	222.1	242.5	260.6	202.6	235.1
DISTRITO :SAN JUAN DEL RIO QRO.																				
CONSTITUCIÓN 1917	33.9	35.0	13.9	2.4	41.0	35.4	37.8	9.0	31.0	9.8	45.4	29.1	16.0	10.1	4.9	13.4	7.6	1.5	17.8	21.7
SAN ILDEFONSO	3.8	8.0	8.7	0.0	28.0	31.7	22.0	5.3	17.3	5.1	37.5	33.8	27.0	17.1	15.3	24.2	15.5	7.3	13.1	13.7
VASOS AUXILIARES	6.5	7.0	1.1	0.8	6.5	7.1	11.8	5.6	11.8	2.4	11.8	9.8	9.8	9.8	9.8	5.8	5.8	5.0	6.5	8.3
DISTRITO :ATOYAC-ZAHUAPAN,TLAX.																				
ATLANGA	26.3	36.0	31.6	26.2	24.2	36.9	34.3	28.7	25.1	22.9	28.8	30.9	34.4	32.3	30.9	32.1	32.9	32.9	25.6	32.9
DISTRITO :ESTADO DE ZACATECAS																				
EL CAZADERO	0.1	17.0	20.7	8.0	22.9	22.6	22.9	22.9	22.4	5.7	22.9	17.9	9.9	8.1	13.3	9.5	12.1	14.9	13.7	15.0
EL CHIQUE	36.2	27.0	7.3	0.0	20.7	47.8	51.1	34.6	47.3	13.0	53.1	48.5	28.3	4.9	1.1	21.5	42.7	40.5	14.8	8.3
JULIAN ADAME ALATORRE							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	19.2	15.6	24.2
LEOBARDO REYNOSO	7.6	21.0	40.9	6.0	53.9	73.4	72.5	108.4	93.8	31.9	80.8	86.5	86.2	42.5	25.8	20.8	29.1	33.9	18.2	19.8
MIGUEL ALEMÁN	43.1	54.0	39.1	25.1	49.5	46.0	56.2	55.0	47.1	49.5	58.6	43.6	39.3	36.1	24.3	31.8	39.4	46.0	31.3	40.1
SANTA ROSA	7.1	2.0	3.0	0.0	8.9	8.5	9.1	9.0	8.6	5.5	9.3	9.3	9.3	9.3	9.3	5.9	6.9	5.1	1.8	2.0
CENTRO	**4,150.1**	**4,647.0**	**4,786.0**	**3,800.9**	**5,088.4**	**5,149.4**	**5,296.8**	**4,210.6**	**4,860.5**	**4,253.6**	**5,490.2**	**5,047.6**	**5,677.0**	**5,253.3**	**4,846.4**	**4,639.0**	**5,109.5**	**4,990.6**	**4,973.8**	**5,365.0**

Fuente: Elaborado por el CEFP den base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

CUADRO 58.1

México: Distritos de riego en la zona centro norte, disponibilidad

(Millones de metros cúbicos)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DISTRITO :BAJO RIO CONCHOS, CHIH.																		
LUIS L. LEÓN	260.0	260.0	260.0	260.0	260.0	260.0	260.0	339.8	256.7	308.0	382.9	442.7	487.0	421.9	254.4	138.7	200.3	304.0
DISTRITO :CIUDAD DELICIAS, CHIH.																		
BOQUILLA (3)	2,011.4	2,200.0	2,740.7	1,713.6	1,186.0	2,136.0	2,300.3	1,847.9	1,900.6	1,415.7	1,958.3	2,202.1	2,173.2	1,198.7	550.0	266.7	896.6	1,365.8
FCO. I. MADERO	277.9	320.0	305.7	41.1	98.4	299.6	314.3	217.8	218.6	153.7	321.7	244.1	198.8	80.3	30.3	75.9	236.7	203.8
DISTRITO :EL CARMEN, CHIH.																		
LAS LAJAS	21.5	81.0	80.7	8.9	5.8	40.3	61.2	12.0	74.8	47.7	83.2	76.4	42.0	18.6	13.5	7.7	38.8	54.6
DISTRITO :RIO FLORIDO,CHIH.																		
PICO DE AGUILA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.9
SAN GABRIEL	0.0	95.0	230.0	137.0	75.6	168.5	230.0	230.0	227.2	134.5	230.0	216.0	180.4	100.5	77.6	23.0	94.9	157.7
DISTRITO :RIO PAPIGOCHIC,CHIH.																		
ABRAHAM GONZÁLEZ	38.5	63.0	60.9	51.3	62.8	61.0	56.1	41.3	53.1	52.4	63.0	57.3	55.8	52.6	34.5	10.0	27.3	53.7
DISTRITO :SAN BUENAVENTURA,CHIH.																		
EL TINTERO	30.9	74.0	122.0	52.7	35.5	63.7	94.5	46.4	122.0	95.8	122.0	116.4	79.0	27.1	10.6	7.0	46.2	76.0
DISTRITO :PALESTINA,COAH.																		
CENTENARIO	0.6	13.0	13.1	10.3	13.2	8.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	13.3	8.3	5.5	17.1
SAN MIGUEL	10.0	8.0	6.6	5.7	9.5	10.5	10.5	10.5	10.5	9.3	10.5	10.4	10.5	10.5	9.9	6.8	5.6	18.2
DISTRITO :REG.LAG.COAH. Y DGO.																		
FRANCISCO ZARCO	5.9	147.0	100.0	34.0	71.0	18.9	171.0	116.0	44.0	70.0	222.7	176.0	103.9	79.9	54.0	19.1	130.6	69.5
LAZARO CARDENAS	2,085.6	1,839.0	2,566.0	1,502.3	1,407.0	2,534.8	2,528.0	2,732.9	2,732.9	1,934.5	2,732.9	2,674.5	2,435.2	1,932.5	1,668.4	688.9	711.5	1,171.2
DISTRITO :DON MARTÍN,COAH. Y NL.																		
EL CUCHILLO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.1	108.9
SALINILLAS	6.5	14.0	8.8	7.7	7.3	9.9	8.4	10.6	13.2	10.1	13.2	10.8	12.9	12.4	11.1	10.7	11.5	10.8
VENUSTIANO CARRANZA	1,022.8	1,380.0	1,314.9	906.1	494.0	162.3	839.6	1,309.0	1,362.1	779.2	676.4	551.0	856.1	666.1	324.8	99.5	79.2	197.9
DISTRITO :ESTADO DE DURANGO.																		
FRANSICO VILLA							32.0	38.8	37.3	15.7	56.6	52.6	53.4	23.9	20.9	18.5	19.6	27.9
GUADALUPE VICTORIA							77.0	69.8	57.5	37.2	76.7	64.5	53.0	49.2	51.6	43.3	50.3	56.4
PEÑA DE LA AGUILA							29.7	29.1	28.2	5.7	29.6	24.2	18.7	16.1	12.9	7.5	14.5	14.9
SANTIAGO BAYACORA							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.9	51.4
CENTRO NORTE	**5,771.6**	**6,494.0**	**7,809.4**	**4,730.7**	**3,726.0**	**5,763.5**	**7,026.7**	**7,066.0**	**7,152.8**	**5,083.6**	**6,993.8**	**6,933.1**	**6,774.0**	**4,704.4**	**3,137.8**	**1,431.6**	**2,695.1**	**3,960.7**

Fuente: Elaborado por el CEFP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

CUADRO 59.1

México: Distritos de riego en la zona noreste, disponibilidad

(Millones de metros cubicos)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DISTRITO :BAJO RIO BRAVO,TAMPS.																		
FALCÓN-MEXICO (4)	1,062.9	1,115.0	1,166.0	869.0	473.8	379.2	760.5	1,291.0	1,291.0	564.6	955.1	863.8	1,262.8	875.2	644.3	247.5	150.2	182.0
LA AMISTAD-MEXICO (4)	1,431.7	1,464.0	1,580.7	1,277.7	1,090.0	925.8	1,180.7	1,496.8	1,534.5	1,162.6	1,387.6	1,417.8	1,501.9	1,336.3	819.9	374.9	268.2	444.1
VASOS REGULADORES (1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DISTRITO :BAJO RIO SAN JUAN,TAMPS,																		
MARTE R. GÓMEZ	755.0	357.0	895.7	436.0	1,022.9	741.5	936.9	1,051.2	1,051.2	455.4	331.9	279.4	457.3	404.8	232.4	118.8	125.7	179.1
DISTRITO :RIO PÁNUCO,LAS ANIMAS, PUJ																		
CHICAYÁN (PASO DE PIEDRA)	95.6	244.0	118.3	70.1	124.1	211.3	46.4	133.7	129.4	207.6	186.6	149.8	142.3	130.4	100.4	82.9	43.1	23.3
EST. R. CABALLERO D.	387.9	440.0	398.3	360.5	421.1	434.3	469.6	364.0	411.4	445.1	461.4	394.2	414.6	386.9	370.8	368.6	310.8	365.8
DISTRITO :RIO SOTO LA MARINA,TAMP.																		
VICENTE GUERRERO	3,649.2	3,068.0	3,715.7	3,078.3	2,960.6	3,078.3	2,000.6	1,667.8	2,074.4	1,155.1	926.3	749.4	896.2	904.2	1,014.8	945.0	1,048.8	1,015.6
DISTRITO :XICOTENCATL, TAMPS.																		
SAN LORENZO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.7	157.4
NORESTE	**7,382.3**	**6,488.0**	**7,874.7**	**6,091.6**	**6,092.5**	**5,770.4**	**5,394.7**	**6,004.5**	**6,491.9**	**3,990.4**	**4,257.9**	**3,854.4**	**4,675.0**	**4,037.8**	**3,182.6**	**2,137.7**	**2,088.5**	**2,357.3**

Fuente: Elaborado por el CEFP don base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

CUADRO 60.1

México: Distritos de riego en la zona noroeste, disponibilidad

(Millones de metros cúbicos)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DISTRITO :TIJUANA,B.C.																		
A. RODRIGUEZ	117.6	83.0	71.6	83.6	97.0	74.6	34.3	11.0	2.8	1.6	0.9	19.6	17.3	123.4	109.6	111.4	47.3	9.8
DISTRITO :ESTADO DE COLIMA																		
AMELA	26.0	24.0	26.0	24.8	24.2	26.0	25.9	21.0	25.9	26.0	21.1	15.7	24.0	22.1	20.4	17.9	20.9	21.8
BASILIO VADILLO	100.1	113.0	75.0	46.5	100.3	104.2	114.6	110.1	109.1	34.1	97.6	73.4	101.3	93.4	81.2	79.0	72.0	74.0
DISTRITO :CULIACAN, SIN.																		
A.L. MATEOS	590.6	1,649.0	2,612.5	1,625.3	1,461.9	3,103.0	2,120.3	666.1	1,434.7	1,502.8	2,428.1	2,221.9	2,306.4	1,339.5	879.8	363.4	634.4	1,112.6
EL COMEDERO	0.0	0.0	1,120.6	379.7	680.1	1,953.2	2,056.9	1,433.0	1,436.7	953.9	1,780.1	1,669.1	1,993.5	1,076.5	586.1	223.8	274.7	640.0
EUSTAQUIO BUELNA	40.1	104.0	229.2	257.3	151.5	158.3	141.9	22.1	62.6	105.9	274.0	94.1	76.7	29.9	53.7	33.4	27.9	19.3
SANALONA	121.0	681.0	625.6	230.7	411.0	779.2	664.2	119.2	576.4	480.0	662.6	543.9	687.6	351.2	259.0	192.1	200.4	280.0
DISTRITO :GUASAVE, SIN.																		
BACURATO	0.0	0.0	1,061.3	1,310.4	1,811.5	1,917.8	1,172.6	454.0	1,143.1	1,115.6	1,775.3	1,645.1	1,525.8	925.4	880.6	702.4	580.1	720.8
GILLERMO BLAKE AGUILAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.6	134.3
DISTRITO :RIO FUERTE,SIN.																		
AURELIO BENASSINI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	223.9	233.2
J.O.DE DOMINGUEZ	349.0	626.0	406.0	481.0	420.4	540.0	510.0	19.7	411.0	634.0	563.0	470.9	383.6	339.6	318.0	420.5	162.8	316.7
LUIS DONALDO COLOSIO							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	756.9	688.3
MIGUEL HIDALGO	1,070.8	2,414.0	2,288.5	1,903.6	2,379.1	2,930.0	2,425.5	778.0	2,122.6	2,293.6	2,930.0	2,374.8	2,290.8	1,750.5	1,874.2	1,512.8	786.8	995.3
DISTRITO :RIO ALTAR,SON.																		
CUAUHTEMOC	29.4	19.0	18.0	34.2	43.0	43.0	30.9	14.8	15.6	20.0	30.5	23.5	27.3	43.0	38.7	36.6	6.7	4.4
DISTRITO :RIO MAYO, SON.																		
A.RUIZ CORTINEZ	243.2	726.0	708.8	626.7	900.1	1,033.3	693.1	220.1	569.4	406.0	1,069.3	971.9	832.3	625.0	439.0	767.4	611.0	381.9
DISTRITO :RIO SONORA,SON.																		
A. RODRIGUEZ LUJAN	68.3	86.0	77.9	93.5	219.0	236.5	175.4	83.8	132.9	106.8	178.0	128.2	114.7	169.6	138.3	227.7	139.1	58.3
DISTRITO :RIO YAQUI, SON.																		
A. OBREGON	892.6	913.0	891.6	719.8	1,969.5	2,727.0	2,324.5	1,019.2	1,073.5	691.2	2,239.2	2,450.5	2,514.5	2,557.5	2,067.7	1,604.7	760.2	522.2
ANGOSTURA	233.3	164.0	219.6	372.8	741.6	890.6	890.5	486.5	655.6	374.8	704.0	834.1	820.2	843.4	628.1	615.5	415.9	386.4
P.E. CALLES	1,123.0	1,229.0	1,455.0	870.9	1,083.7	2,417.0	2,250.2	1,346.4	1,026.5	1,223.7	2,170.1	2,091.2	1,899.3	2,058.4	1,206.9	1,577.9	1021.6	567.5
NOROESTE	**5,805.0**	**8,735.0**	**11,877.2**	**9,059.8**	**13,293.8**	**18,932.8**	**15,630.8**	**6,805.0**	**11,501.3**	**9,877.8**	**16,931.8**	**15,625.9**	**15,615.3**	**12,348.4**	**9,661.3**	**8,886.5**	**6,966.2**	**7,034.8**

Fuente: Elaborado por el CEFP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 61.1

México: Distritos de riego en la zona sur, disponibilidad

(Millones de metros cúbicos)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DISTRITO :LAGUNA DE TUXPAN,GRO.																		
LAGUNA DE TUXPAN	10.3	10.0	11.6	0.3	0.0	8.4	2.4	5.1	2.1	9.5	8.4	4.6	6.4	6.3	4.5	2.4	4.8	5.5
DISTRITO :RIOS AMUCO Y CUTZAMALA GRO																		
ANDRÉS FIGUEROA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.0	152.2	144.3	131.9	143.2	42.0	48.6
EL PEJO	3.1	5.0	5.3	1.8	3.4	4.7	6.2	4.7	4.2	2.1	2.1	2.1	2.1	1.9	1.9	1.9	0.0	0.0
LA CALERA	21.7	22.0	4.0	15.8	21.5	21.7	21.0	21.8	21.7	18.5	18.5	2.8	2.0	1.9	1.9	1.0	6.2	5.8
VICENTE GUERRERO	172.0	178.0	180.0	160.0	167.0	155.0	173.0	170.0	189.0	192.0	198.0	18.7	16.0	14.0	10.9	13.0	142.3	128.9
DISTRITO :TEPECOACUILCO,GRO.																		
REVOLUCIÓN MEXICANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.5	70.3
VALERIO TRUJANO	20.6	36.0	25.6	6.8	17.9	22.3	13.1	26.1	21.5	31.4	31.7	37.4	23.8	18.1	18.0	22.9	13.6	30.1
DISTRITO :TEHUANTEPEC,OAX.																		
BENITO JUÁREZ	903.0	690.0	912.9	425.2	269.1	880.2	322.0	150.1	904.5	839.3	362.5	327.6	427.6	641.7	659.7	569.6	833.2	756.5
DISTRITO :CUXTEPEQUES, CHIS.																		
JUAN SABINES GUTIERREZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.5	62.1
SUR	**1,130.7**	**931.0**	**1,139.3**	**609.9**	**478.9**	**1,092.3**	**536.7**	**377.8**	**1,143.0**	**1,092.8**	**621.2**	**532.4**	**629.1**	**828.2**	**820.8**	**754.0**	**1,193.1**	**1,096.8**

Fuente: Elaborado por el CEFP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000

PRECIOS MEDIOS

CUADRO 62.1

México: Precio medio rural de los 10 principales cultivos

(Pesos por tonelada)

AÑO	AJONJOLI	ALGODÓN	ARROZ PALAY	CARTAMO	CEBADA	FRIJOL	MAIZ	SORGO	SOYA	TRIGO
1980	11.89	5.07	5.88	7.18	3.78	15.12	5.02	3.48	7.69	3.65
1981	15.41	4.79	6.27	8.11	5.52	16.58	6.86	3.96	10.79	4.74
1982	31.62	5.98	9.71	11.47	7.82	20.32	9.65	6.46	15.29	6.88
1983	54.96	19.65	21.95	22.76	17.16	31.2	18.69	12.26	32.75	14.03
1984	106.04	nd	37.39	35.84	30.87	50.35	33.75	24.25	58.43	25.26
1985	142.85	239.7	58.66	63.75	48.34	156.42	52.59	34.16	86.06	37.16
1986	314.61	299.11	101.87	111.82	99.89	229.09	93.3	72.53	166.85	59.72
1987	724.14	788.34	245.71	223.73	189.07	493.43	247.69	156.36	487.28	131.18
1988	1,052.92	926.09	396.15	513.78	339.32	776.37	373.09	260.46	810.6	309.75
1989	1,475.31	1,242.90	501.75	633.2	443.91	977.09	468.11	296.16	960.25	388.86
1990	2,021.34	1,586.09	545.6	665.47	562.01	1,987.62	609.47	341.05	815.74	507.21
1991	2,030.46	1,903.31	610.52	703.57	634.51	2,051.78	707.31	429.98	1,267.57	586.21
1992	2,420.11	1,748.93	567.29	774.02	694.7	2,265.90	761.23	439.41	1,022.17	615.07
1993	2,206.59	1,776.95	544.33	794.89	696.98	2,157.12	767.73	428.27	994.84	614.93
1994	2,152.05	1,877.42	687.8	788.26	678.89	1,900.74	656.22	406.87	857.45	610.79
1995	5,110.73	4,005.01	1,066.10	1,316.18	1,002.60	2,186.28	1,091.57	941.54	1,473.61	902.56
1996	4,597.09	4,132.62	1,616.62	1,994.40	1,419.83	4,264.38	1,434.72	1,141.07	2,126.89	1,774.95
1997	4,333.40	4,193.02	1,516.13	2,077.74	1,378.26	5,470.61	1,353.75	981.81	2,228.67	1,306.13
1998	4,938.32	4,741.44	1,640.47	2,179.01	1,443.05	6,040.76	1,446.08	1,018.32	2,286.17	1,372.50
1999	5,600.07	4,360.00	1,753.31	1,894.27	1,449.34	5,299.61	1,453.71	974.83	1,976.83	1,373.44

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SAGAR, Noviembre del 2000.

CUADRO 63.1

México: Precio medio rural de los 10 principales cultivos

(Dólares por tonelada)

AÑO	AJONJOLI	ALGODÓN	ARROZ PALAY	CARTAMO	CEBADA	FRIJOL	MAIZ	SORGO	SOYA	TRIGO
1980	519.21	221.40	256.77	313.54	165.07	660.26	219.21	151.97	335.81	159.39
1981	628.98	195.51	255.92	331.02	225.31	676.73	280.00	161.63	440.41	193.47
1982	552.80	104.55	169.76	200.52	136.71	355.24	168.71	112.94	267.31	120.28
1983	365.67	130.74	146.04	151.43	114.17	207.58	124.35	81.57	217.90	93.35
1984	572.57	nd	201.89	193.52	166.68	271.87	182.24	130.94	315.50	136.39
1985	460.36	772.48	189.04	205.45	155.78	504.09	169.48	110.09	277.34	119.76
1986	493.20	468.90	159.70	175.29	156.59	359.13	146.26	113.70	261.56	93.62
1987	515.11	560.78	174.78	159.15	134.49	351.00	176.19	111.22	346.62	93.31
1988	459.87	404.48	173.02	224.40	148.20	339.09	162.95	113.76	354.04	135.29
1989	594.07	500.48	202.04	254.97	178.75	393.45	188.50	119.26	386.67	156.58
1990	712.14	558.80	192.22	234.45	198.00	700.26	214.72	120.16	287.39	178.70
1991	673.21	631.05	202.42	233.27	210.37	680.28	234.51	142.56	420.27	194.36
1992	782.17	565.25	183.35	250.16	224.52	732.33	246.03	142.02	330.36	198.79
1993	676.87	545.08	166.97	243.83	213.80	661.69	235.50	131.37	305.17	188.63
1994	631.10	550.56	201.70	231.16	199.09	557.40	192.44	119.32	251.45	179.12
1995	774.35	606.82	161.53	199.42	151.91	331.25	165.39	142.66	223.27	136.75
1996	600.93	540.21	211.32	260.71	185.60	557.44	187.55	149.16	278.02	232.02
1997	539.65	522.17	188.81	258.75	171.64	681.27	168.59	122.27	277.54	162.66
1998	528.16	507.11	175.45	233.05	154.34	646.07	154.66	108.91	244.51	146.79
1999	577.33	449.48	180.75	195.29	149.42	546.35	149.87	100.50	203.80	141.59

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SAGAR, Noviembre del 2000.